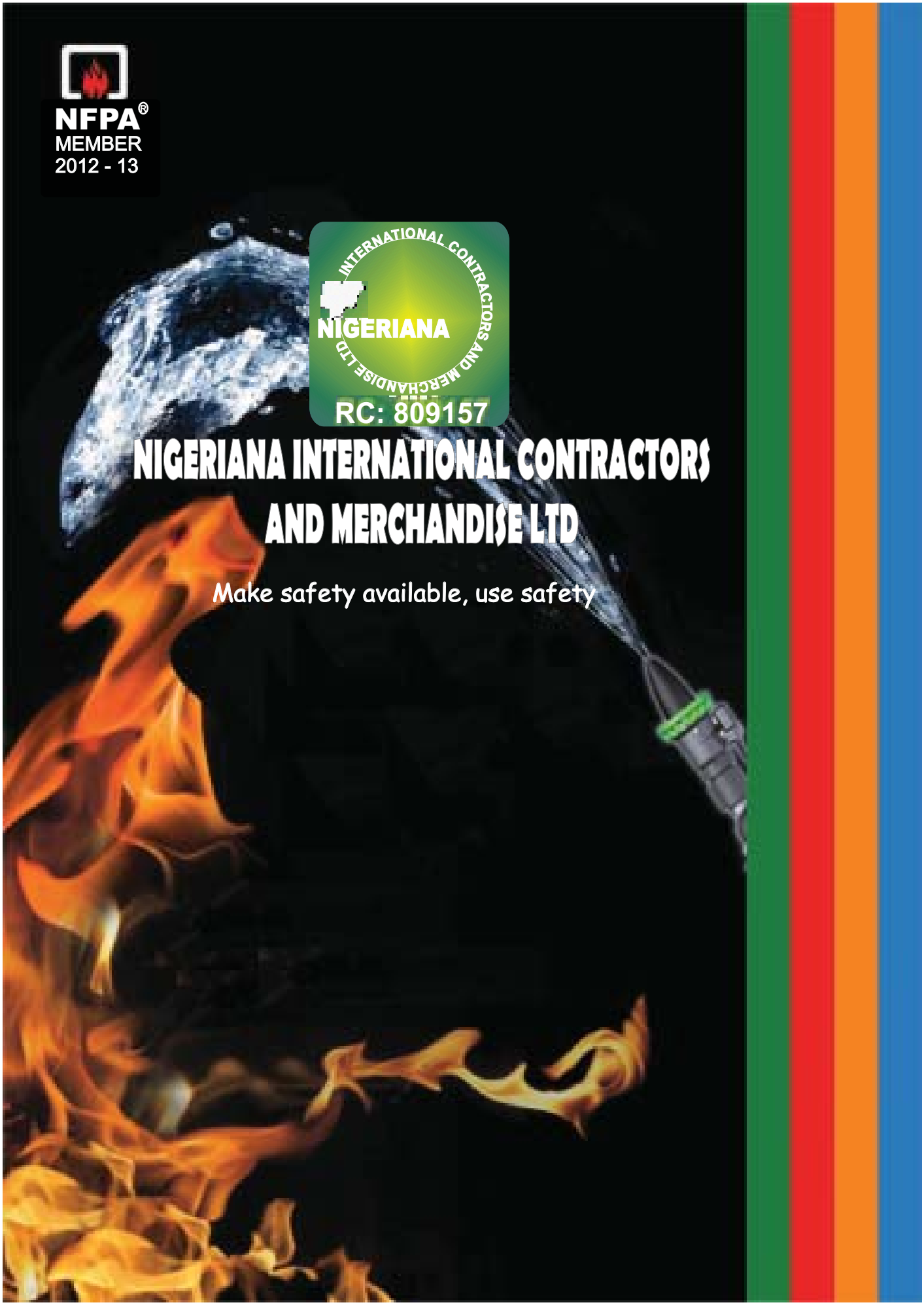
NFPA®
MEMBER
2012 - 13



NIGERIANA INTERNATIONAL CONTRACTORS AND MERCHANDISE LTD

Make safety available, use safety

NFPA®
MEMBER
2012 - 13

MARINATEC L.L.C

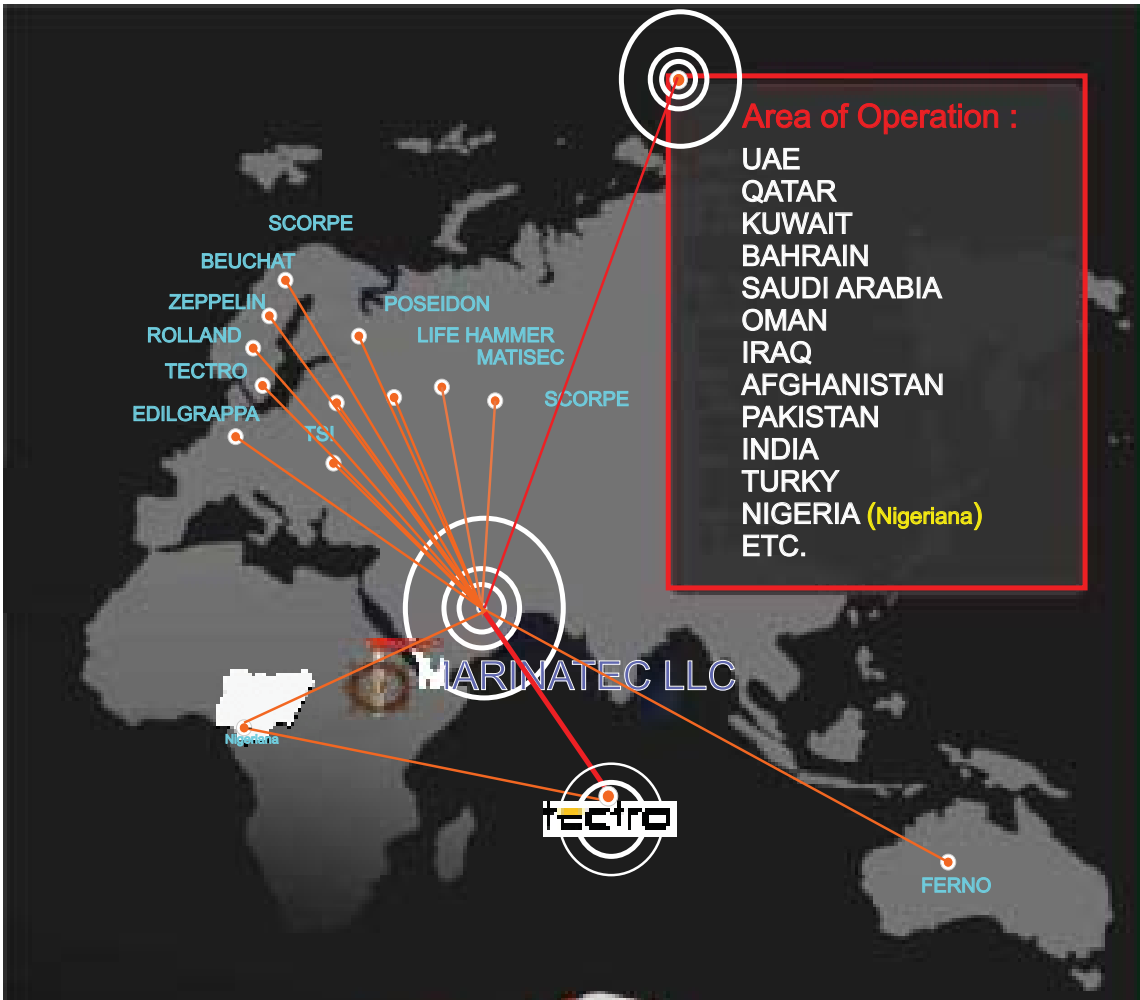
INTERNATIONAL CONTRACTORS AND MERCHANDISE LTD
NIGERIANA
RC: 809157

NIGERIANA INTERNATIONAL CONTRACTORS AND MERCHANDISE LTD

Nigeriana International Contractors And Merchandise Ltd. is duly incorporated in Nigeria under the corporate laws (Companies And Allied Matters Act, 1990) of the Federal Republic of Nigeria. The CAC incorporation number of the company is: 809157. Pursuant to (Section 33 and 34 of the Companies And Allied Matters Act NO.1, 1990), the liability of the members of the company is limited by SHARES.

Nigeriana International Contractors And Merchandise Ltd has technical partnership with Marinatec LLC based in Dubai, UAE, Shenzhen JiKaiDa Technology Co., Of China, Jiangxi Tsinghua Industrial Co., Ltd of China and Tectro SMT GmbH, Germany. The main line of activity of these partnerships is to supply fire, rescue and safety products. Nigeriana International Contractors And Merchandise Ltd is the SOLE partner/representative of Marinatec LLC and Tectro SMT GmbH in Nigeria and soon will

The partnerships' core business focuses on design, manufacture, supply, installation and after sales services with highly trained and experienced technicians and engineers for firefighting products ranging from basic fire extinguishers to highly sophisticated fire engines. The partnerships is to provide total fire protection, rescue and safety solutions to the most prestigious developments in Nigeria, including residential buildings, commercial complexes, telecommunication centers, industrial installations, dockyards, oil refineries and petrochemical plants and airport installations, factories etc.



Intersec 2013

January 15 - 17, 2013
Dubai, UAE

Marinatec LLC, Tectro SMT GmbH, Shenzhen JiKaiDa and Jiangxi Tsinghua are renowned for providing superb quality and assuring the timely performance of their products at all times respectively. With simple yet effective fire extinguishers of all sizes, custom made fire cabinets, heavy duty fire hoses, high capacity powerful pumps, and mobile firefighting systems, including CAFS systems, and highly advanced fire engines.
Moreover, Marinatec LLC has diversified from the passive fire protection arena and are now specialists in the field of automation and control for all types of extinguishers, fire alarm and security systems.

Marinatec LLC, Tectro SMT GmbH, Shenzhen JiKaiDa and Jiangxi Tsinghua endeavor to continually and effectively improve the quality of their products in accordance with the requirements of international standards like LPCB, BSI, SAI Global, UL, FM, NFPA, SON etc.

We (Nigeriana International Contractors And Merchandise Ltd) are interested to cooperate with you and/or your establishment(s) in order to provide the following:

design, manufacture, supply, installation and after sales services with highly trained and experienced technicians and engineers for firefighting products ranging from basic fire extinguishers to highly sophisticated fire, safety and rescue equipments.

Nigeriana is a member of the Fire Protection Association of Nigeria and it has active working relationship with the Federal Fire Service of Nigeria.

Safety
Firefighting
Rescue
Diving

M/V SEA CLEAN

1500 BHP FIRE FIGHTING/ANTI OIL POLLUTION OIL FENCE STRETCHING VESSEL

DIMENSIONS

Year of Built : 1998
Length Overall : 3970
Breadth Molded : 8.50
Depth Molded : 2.20
Clear Deck Area:
FREE FOR OIL 1 FENCE STRETCHING
Draft at Summer LWL: 1.60
Gross/Net Tonnage: 289.28/101.24

MACHINERY

Main Engine: Two YANMAR
Model: GMDSS WALKI TALKI TW 50
S-185 ST 900 R.P.M 6 CYLINDERS 550 x2

GENERATORS

Two YANMAR JAPANS AS
1 X 3 KDL 70PS/48KVA 1200 R.P.M
1 X 3 KDL 70PS/48KVA 1200 R.P.M

Propellers

Two (2) fixed pitch open propellers

SPEED

Top Speed: 12.00 knots
Service Speed: 10.00 knots

FUEL CONSUMPTION PER DAY

Top Speed: 3900 LTR.
Service Speed: 3200 LTR
STD by (Me STD secured) : 240LTR.

LIQUID CAPACITY

Fuel Oil Tank: 1X10,000 LTR.
Fresh Water: 1X14,000 LTR.

ACCOMMODATION

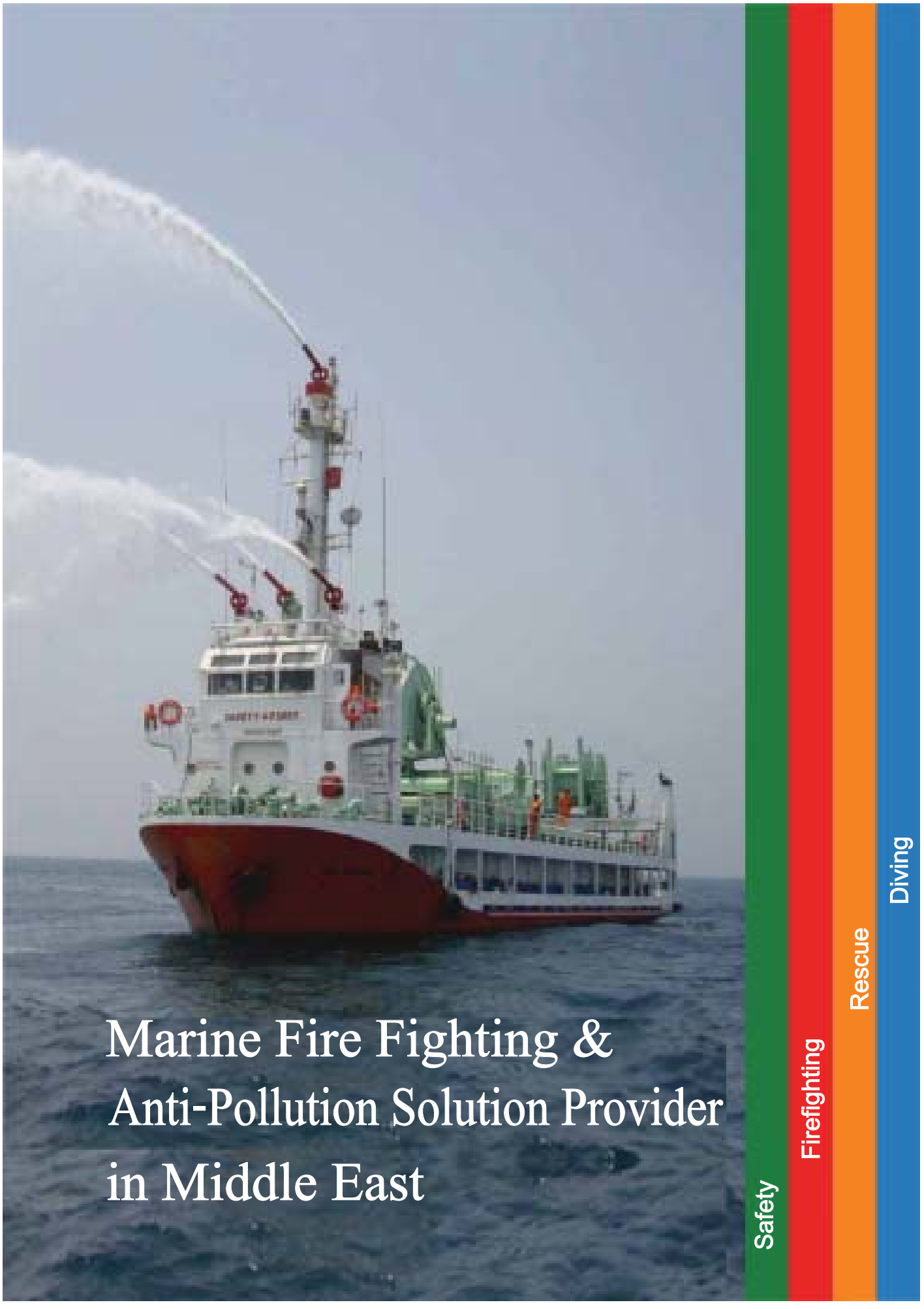
2X3 BEDS + 1X2

FIRE FIGHTING, SAFETY, RESCUE, & OIL POLLUTION

2x650 m3/hr FIRE FIGHTING PUMP MODEL YANMAR JAPAN
4 monitors (3 MANUAL + HYDRAULIC REMOTE
CONTROL FROM BRIDGE)
APPROX 2500m OIL FENCE WITH 350mm Dia & 560mm Dia
Oil fence deployment system
Brush type Oil skimmer with capacity of 60m3/Hrs
Dispersant spray system with 6m spray arms 3500 gallon towable bladder bag
Oil Spill Dispersant 2000 Ltrs. (IN DRUM) Additional OSD tank with 5000 Ltrs. Capacity can be Used if Required by character Fire Fighting Chemical (Foam) tank with 43,000 Ltrs. Chemical water curtain spraying system around the bridge for cooling down the bridge fire fighting task.

NAVIGATION AND COMMUNICATIONS EQUIPMENT

Rader: 1,JRC JMA-3104 S.N: 21672
VHF NO 1: 1 JRC VHF S.N. 59178
VHF NO 2: SARACOM VHF WITH DSC RH-60
DSC VHF: SARACOM
HANDHELD VHF: SARACOM GMDSS WALKI TALKI TW 50
NAVTEX : SARACOM NR 50
WATCH RX (2.182KHZ:
SARACOM MF7HF WITH DRC SRG1150
EPIRB: SARACOM EPIRB
SART: SARACOM SART RT 10
DUAL POWER SUPPLY: SARACOM MF/HF WITH DSC
GPS: HCNDEX GPS AND C/P
MODEL : HE 7302H ANEMOMETER



Marine Fire Fighting & Anti-Pollution Solution Provider in Middle East

Safety

Firefighting

Rescue

Diving

ESSEX

Fire- Safe Valve

Assemblies and Actuators

FM Approved Fire Safe Valve Assemblies

Fire Safe Valve Assemblies

Applications:

- Oil & Gas Industry
- Ethanol
- Chemical manufacturing
- Fuel Tank Farms
- Diesel Fuel/Natural Gas Generators
- Solvents
- Steam Pressure Relief
- Dry fire Suppression Systems

Fire Safe Valve Assemblies

Designed to stop the flow of flammable or hazardous media during a fire or emergency situation.

- **Factory mutual (fm) approved**
- **Manually operate hall valves with removable handle**

Boiler valve / utility room, for prevention of fuel flow boiler to furnace during an emergency.

Structure Entry. Valve used in two position to stop flammables from entering structure during emergency

Interim Storage Tanks. Can be dumped to another location to prevent an explosion.

Off-load Truck. Prevent flammables from being dumped from process lines to the environment.

Plant. Use on process lines to help prevent local damage and loss of equipment.

Plant Wide. Provide up to 60minutes of protection for respiratory head and vision.

RC: 809157

Emergency Breathing Equipment

Plus 15 Escape Respirator

Provides 15 minutes of purified air for emergency egress and escape

Triple filter technology protect against lethal gases

- Fire/smoke
- Carbon Monoxide
- Hydrogen Cyanide
- Chloride
- Sulfide
- Sulfur Dioxide
- Aerolein

Features

- Lightweight
- Portable
- Easy to use
- 360o visibility
- One size fits most adults

Application Include:

- Corporate aviation/travel
- High rise residents/office personal
- Property Managers
- Industrial Workers
- Petro and Refining companies

Victim Resue Unit (VRU/VRU+)

Protective breathing system that can provide up to 60 minutes of self-contained respiratory and vision protection

Protects against

- **Fire/smoke**
- **Toxic Fumes**
- **VRU+ protects against Sarin and Mustard gas**

Features

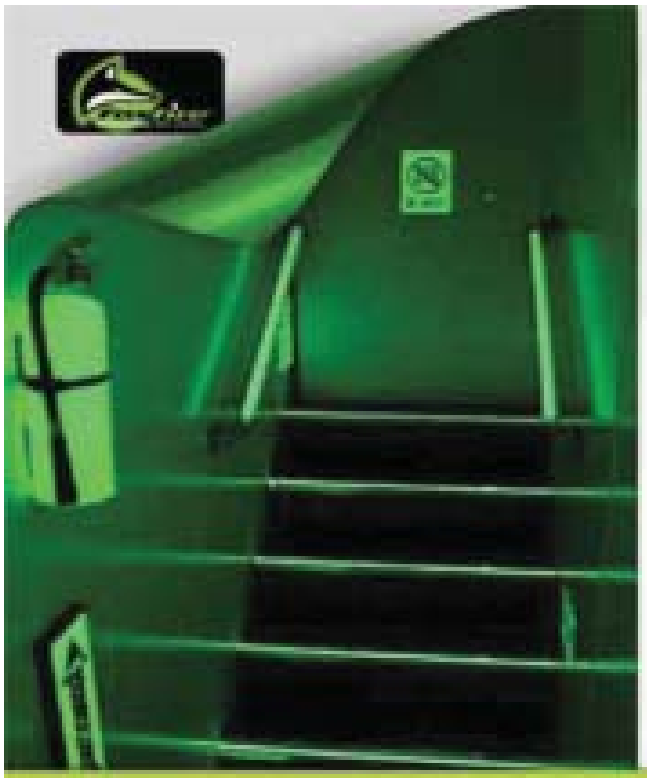
- **Self-contained oxygen supply**
- **Easy to don**
- **Provides 360° of visibility**

Designed application

- **Security**
- **Law enforcement**
- **First response teams**
- **High rise building occupants**
- **Home**

Safety Firefighting Rescue Diving

RC: 809157



Foxfire
Illuminating Industrial Safety

Foxfire

Safety & Egress

Illuminating the way

Reduce Disorientation, Improve Accountability and increase Visibility with Foxfire Illuminating Products

A firefighting's job is often dangerous, especially in dark or low light environments.

Foxfire® firefighting safety products are designed to increase the effectiveness and safety of firefighters.

Our illuminating products utilize advanced photoluminescent technology to brightly light up the surrounding environment.

In the dark, the glow from our products keeps people safe.

Benefits:

- No batteries to test or replace
- No electricity required
- No maintenance
- Durable
- Non-toxic
- Failsafe system

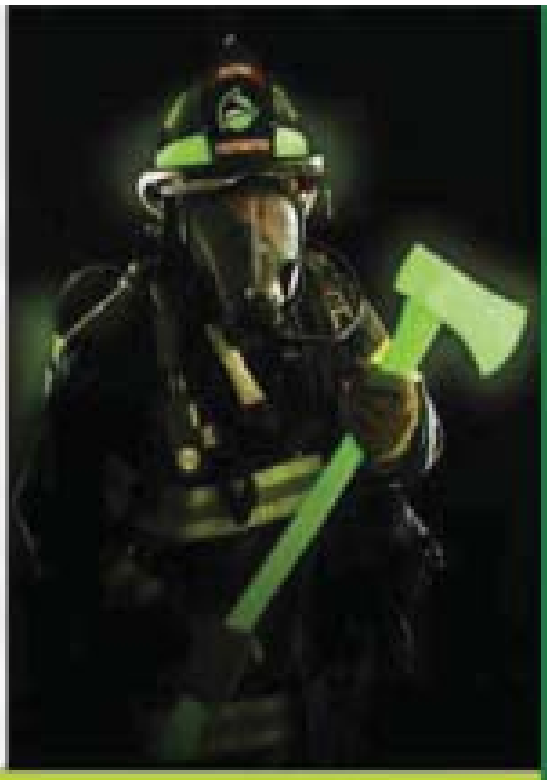
- Meets or Exceeds:
  - New York City Local Law 26 Emergency Action Plan
  - ASTM E 2072
  - Chapter 10 (Luminous Egress Path Markings) of International Building Code (IBC) & International Fire Code (IFC)

Uses:

- **Exit/egress markings**
- **Line- striping systems**
- **Stair edging/noses**
- **Flooring/pathways**

RC: 809157

Mn8-Foxfire is a firefighter owned and operation company. It was established by a cincinnati area firefighter who realized the potential applications for photoluminescent technology in firefighting and wanted to develop products to keep his fellow firefighters safe. Since the introduction of the company's first products (the Foxfire illuminating helmet band and Foxfire do-it-yourself epoxy kit), MN8-Foxfire has placed a premium on seeking customer feedback, continuing to develop products that firefighters request. We are proud of the positive feedback we receive from firefighters every day in developing products that help them do their jobs better and safer.



Key Features

- Increases visibility and positioned orientation
- Charges in any light (sun, artificial light, low light)
- May be recharged repeatedly
- Glow from products serves as a "light emitter"
- No batteries or electricity required
- Can withstand high temperatures
- Illuminates up to 17hours when fully charged

Three of the Top Risks Faced by Firefighters

- Disorientation
- Visibility
- Accountability

Foxfire helps firefighters face these risks by improving positional orientation and making crews and tools easy to locate.

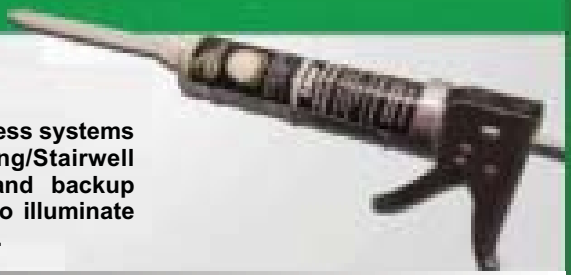
This is a win-win product. What makes the Foxfire products so unique is that they basically serve as their own light emitter
Not only does it help in locating and our crows in low visibility, but it also greatly improves our search and rescue techniques"

Robert Rielage
Chief of Wyoming (Ohio) Fire-EMS and former
Ohio fire mashal

- Illuminating helmel bands
- Illuminating coating kits
- Illuminating grip wrap
- Illuminating equipment bands
- Illuminating tetrahedrons/bars
- Illuminating T-shirts
- Illuminating ball caps

Foxfire ® Illuminating Line Striping

Integrate photoluminescence into your egress systems with Foxfire's Illuminating Line Striping/Stairwell Delivery System. When power is out and backup systems fall, Foxfire products allow you to illuminate floors, stairs, pathways, handrails and more.

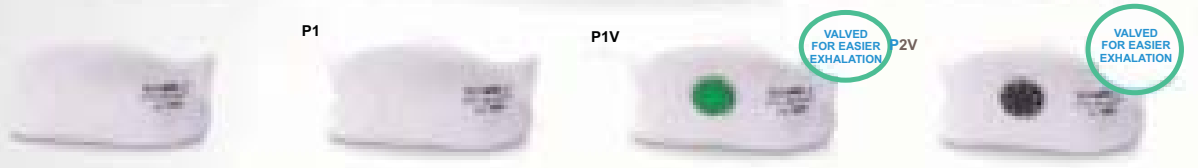


Safety Firefighting Rescue Diving

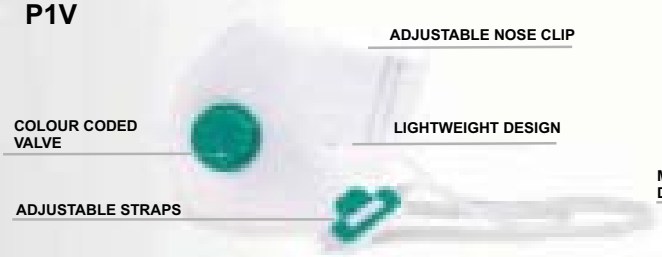
RC: 809157

EUROPA
SAFETY PRODUCTS

P2V



P1V



P2V

P1V

MASK		N.P.F / A.P.F.
P1 & P1V	Protect against large hazardous dust particles or light dust areas and fine non toxic dusts.	4X N.P.F 4X A.P.F. (854275)
P2 & P2V	Protest against fine hazardous dust particles and light welding fumes.	12X N.P.F 10X A.P.F (854275)
P2V	Activated charcoal protects against odours and organic vapours up to N.P.F, lead welding fumes, organic vapours and many other hazards.	12X N.P.F 10X A.P.F (854275)
P2V WELDAIR	Activated charcoal protects against odours and organic vapours up to N.P.F, lead welding fumes, organic vapours and nuisance levels of ozone.	12X N.P.F 10X A.P.F (854275)
P2V ODORAIR	Activated charcoal protects against odours and organic vapours up to N.P.F, lead welding fumes, organic vapours and many other hazards.	12X N.P.F 10X A.P.F (854275)
PJV	Protect against toxic dust, light radioactive dust bacteria and viruses.	50X N.P.F 20X A.P.F (854275)

POWER AIR

ADJUSTABLE HEADBAND

LIGHT REACTIVE LENS

ESPAIR TX/ VISORS

HALF MASKS

DESIGNED FOR COMFORT

COMFORTABLE SHAPE

VALVED FOR EASIER EXHALATION

SCREW FIT FILTERS

Tp2000

TR 2800

FULL FACE MASKS

POLY CARBONATE VISOR

SCREW FIT FILTERS

ESPAIR FX FULL FACE MASK (CLASS 2)

ESPAIR TX / POWERED AIR

BATTERY POWERED WITH WARNING ALARM

ADJUSTABLE COMFORTABLE BELT

REPLACEABLE FILTER

THREE PART FILTER

Setting the standard
in respiratory equipment

Safety
Firefighting
Rescue
Diving

RC: 809157

CENTURION

CENTURION

Head, Face and Hearing Protection

Concept

Approved to EN 397, EN 50365, Ans/ SEA 89 1.2009 Type 1 Close B

Linesman

Reduced peak helmet with four point security hood harness with quick release buckle ideal for working on heights (electrical/utitlies)

Approved to EN 397, EN 50365,

Roofer

'Push and Turn' premium ratcher headband for easy and quick adjustment. Corners with ventilation and with reduced or full peak.

Approved to EN 397, EN 50365,

Forestry Kit

Full peak ventilated Orange helmet, Mesh Vigor and Orange ear defender. See page 11 and 15 for more information.

Approved to EN 397

Miner

Full peak helmet complete with lamp bracket and cable clip.

REFLEX™

Textile Cradle

The Reflex safety helmet has been designed to meet the demanding requirements of both construction and industrial needs with safety and comfort in mind.

Safety by means of high visibility colour options and optional reflectors.

comfort via ventilation as standard, Textile cradle, sweatband and an overall well balanced and secure helmet.

1125 & 1100

Terylene & Plastic Cradle

1125 Safety Helmet

A general purpose, well balanced helmet with a Terylene cradle and standard sweatband. Also available in small sizes.

Approved to EN 397

1100 Safety Helmet

A general purpose safety helmet with a 6 point plastic cradle

Approved to EN 397

CONNECT Hearing Protection

Aegean

Excellent noise protection. especially for high frequencies

Baltic

General purpose, economy ear defender suitable for most requirements.

Safety | Firefighting | Rescue | Diving

RC: 809157

VISION

The Vision safety helmet includes a fully retractable Clear visor which, unlike many other internal eye shields, allows prescription spectacles to be worn underneath. With Terylene cradle and premium high absorbent sweatband.

ARCPRO™

Anti Electric Arc System

The Centurion **ArcPro™ PPE** system has been designed to protect against Arc Flash risks posed
by electrical faults which can occur in the following situations:
- During live cable jointing
-Phase angle testing
-Switchgear racking operations
-Excavating near live cables
-Isolating and re-closing of switchgear

RARTOR

Safety Eyewear Range

Safety Eyewear Range

Buzzard™ Osprey™ HawkT™ Kestrel™ Merlin™

Shock Absorption **Penetration Resistance** **Lateral Deformation**

Whether you require a pad printed, embroided or transfer printed logo on your head protection - leave it to Centurion

Safety Firefighting Rescue Diving

RC: 809157

CARBON X

RST-75

EN 469 : 2005

CARBONX inherently non-flammable farbric/products provide exceptional heat and flame protection when safety matters most, and will not melt, drip, ignite, char or shrink. Laundering does not affect the flame resistant properties of our products, providing protection against direct flame, extreme heat, molten metal splash, hot/flammable liquids and arc flash hazards.

33% INCREASED PROTECTION TIME

A NEW range of protective garment developed using CARBONX RST- 75, providing excellent protection for Fire –fighters, including wild land & Turn-out Kit.

The ENFORCER turn–out kit by Eagle Technical Products, is designed with a layered fabric system to ensure the highest level of protection to heat & flame, while maintaining a flexible and comfortable garment which will help reduce heat stress.

ETF11CX Salopette Trouser ETF10CX Short Tunic

PROPERTY		TEST METHOD	Competitor A	CarbonX RST-75 Repel	CarbonX RST – 75 STX
Water vapour Resistance (Breathability) R_m (m^2 Pa/W)	After 5 washes @4DoC Very Breathable Good Breathability 6 – 13	ISO 11092	5.5 R	5.9 R	5.5 R
Spray Test	As received After 25x40°C watches	AATCC 22	100 80	90 - 100 80 - 90	90 - 100 100
IPA Water/Alcohol Test	As received After 25x40°C watches	AATCC 193	5 5	5-6 4	8 8
Abrasion Test Matindale	After 5000T with 12 KPA Original (ONPA test)		Excellent	Excellent	Excellent
Budesmann Rain Shower Test (as received after 10 min)	After 5000T with 12 KPA Original (ONPA test)	ISO 9865	1 1	1 1	4-5 2-3
Budesmann Rain Shower Test (Water in the cups)	As received After 25x40°C watches	ISO 9865	77.5ml 21.0ml	0.0ml 0.5ml	15.5ml 9.5ml
Budesmann Rain Shower Test (Water absorption)	As received After 25x40°C watches	ISO 9865	20.3% 19.0%	10.1% 11.3%	5.1% 11.3%
Liquid Chemical Protection -Sodium Hydroxide NaOH 10%	Repellency Penetration	EN 368	99.9%/1%	94.45%/11%	100.0%/0.5%
Liquid Chemical Protection -Sulphuric Acid H2904 30%	Repellency Penetration	EN 368	99.9%/1%	99.9%/4%	100.0%/0.1%
Liquid Chemical Protection -O-xylene	Repellency Penetration	EN 368	99.8%/3%	94.45%/11%	90.7%/0.7%
Liquid Chemical Protection -Butanol	Repellency Penetration	EN 368	99.8%/4%	94.1%/10%	98.3%/1.4%
Moiten Metal Protection	Molten metal splash	ISO 9155	NO		NO

Competitor A Meta-Aramid/Para-Aramid with high performance ft Carbon by leading European FR Fabric weaver
Repel Finish Silicone encapsulated finish by Chapman innovations
STX Finish High performance Nanoparticles ft carbon by Sitex Protective Fabrics

RC: 809157

CARBONX RST-75 woven rip-stop fabric provides the ultimate in Outer-shell protection for fire-fighting kit. With a choice of fabric finish options to enhance the protection available , you can wear **CARBONX** with the confidence needed when facing high heat & flame hazards.

CARBONX products available including Wildland clothing, flash hoods, structural fire-fighters textile gloves, T-Shirts & underwear. Visit our websites and we will contact you to help with your enquiry.

ETF2030CX Long Tunic

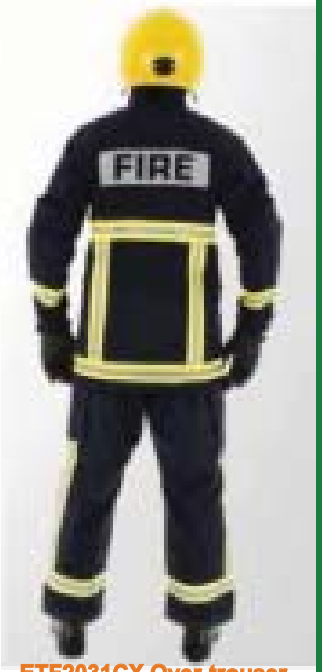
CARBONX fabrics are recognized for key benefits including

- Non break-open when exposed to extended flash fire.
- Ability to greatly absorb heat and reduce the heat Transfer through to the body.
- Improved retention of strength and colour when Exposed to UV.
- CARBONX Repel™ minimizes moisture absorption and Penetration into outer-shell preventing weight increase of garment as found with traditional garments.
- Reducing penetration of moisture through outer-shell to membrane helps maintain high breathability.

The optimum fabric system is-

Outer shell	**CARBONX® RST-75** Black or Navy
Moisture barrier	Breathable PTFE membrane
Thermal barrier	Nomex® Twin Spacer® moisture Wicking lining

CarbonX® Turn-out kit is available with a choice of moisture Thermal barrier and lining options.



ETF2031CX Over-trouser

Safety Firefighting Rescue Diving

RC: 809157

CARBON X

FIRE/FLASH HOODS

33% INCREASED PROTECTION TIME

to 2nd degree burn compared to market leading FR Hoods.

EN13911 : 2004

Extended non-break open protection when exposed to

- **Flash-fire**
- **Molten metal**
- **Arc-flash hazards**

CarbonX inherently non-flammable fabric provides exceptional heat and flame protection when safety matters most. Our product withstands direct flame longer than traditional fire resistant/ FR fabrics, without breaking-open, igniting and minimal charring or shrinkage. Laundering does not affect the protective properties of our products which are comfortable to wear providing protection against direct flame. Extreme heat, welding & grinding spatter, molten metal splash and arc flash hazards.

Style# ETF20CX | Style# ETF2CX | Style# ETF6CX | Style# ETF9CX

CARBONX FLASH HOODS

Increase protection levels against 2nd degree burns.

When compared to market leading 2 layer flash hood combinations

CARBONX NSM 2 layer hoods provide

No break – open when exposed to extended heat and flame.

- **30% increase in seconds before HTI_{24} 2nd degree burn.**
- **50% increase in performance to EN367 Heat transfer index.**

EN 13911	HEAT TRANSFER FLAME HTI_{24} @ 80kw/m	HEAT TRANSFER EN 367 HTI_{24} $HT1_{12}$	HEAT SHRINK AGE @260°C	EXTENDED FLAME
CARBON X DJ-1 1x330g/m²	10.2	3.4	4.1%	NO BREAK OPEN
PBI GOLD/KERMEL 2x220g/m²	12.7	4.3	2.2%	NO BREAK OPEN
P84/LENZING 2x270g/m	12.8	4.6	8.4%	BREAK OPEN
NOMEX & KERMEL LENZING 2x220g/m²	12.7	4.6	3.3%	BREAK OPEN
CARBONX NSM -41 2x220g/m²	16.0	6.7	2.2%	NO BREAK OPEN

RC: 809157

FIREFIGHTER GLOVES

By Eagle Technical Products

EN 659 : 2003

Complies with -
Abrasion
Cut resistance
Tear resistance
Puncture resistance
Burn behaviour
Dexterity

Notified Body :
BTTG Testing & Certification Ltd,
Unit 14, Wheel Forge Way
trafford Park, Manchester

CARBONX Fire fighter Glove is designed to provide superior comfort and protection using an inherently non-flammable woven fabric with exceptional flame protection when safety matters most. Kangaroo leather on the palm hand provides excellent dexterity and touch with additional protection with silicone coated Kevlar ®on pressure points of palm, thumb and index finger.

Additional finger and a high impact knuckle protection option on the back of the hand surrounded by CarbonX woven rip-stop fabric to maintain heat and flame protection. Lined with a cut resistance insulation of 100% Aramid fibre and a PU breathable membrane. A comfort fit, tightening wrist band and open cuff which is covered in yellow flame resistance reflecting tape. All seams are made with 100% Aramid thread.

ETF314 Eagle Fire Shark Cuff Glove

Palm hand	: Kangaroo Leather & Silicone coated Kevlar®
Top hand	: 100% CarbonX® High impact knuckle protector
Cuff	: 100% knitted Para-Aramid
Membrane	: polyurethane
Lining	: 100% Aramid
Washing	: Washing at 60°C is possible
Colour	: Black

FIRE SHARK

CarbonX will withstand direct flame for up to 20 times longer than traditional fire resistant/FR fabrics without melting, dripping, Igniting, charring or break-open.

ETF314 Eagle Fire Shark Gauntlet

Palmhand	: Kangaroo Leather & Silicone coated Kevlar®
Tophand	: 100% CarbonX® High impact knuckle protector
Cuff	: 100% knitted Para-Aramid
Membrane	: polyurethane
Lining	: 100% Aramid
Washing	: Washing at 60°C is possible
Colour	: Black
Sizes	: 7-13

RC: 809157

GODIVA

PowerFlow

12/10 17/10

Powerful, Reliable, Compact

The Godiva Powerflow 17/10 and 12/10 portable pump range delivers unrivalled performance in an unprecedented compact size.

With innovation at the heart of what we do, we have ensured the 17/10 and 12/10 are packed with features you want and the quality you need to deliver a powerful reliable pump performance first time, every time.

A Big performance

The 17/10 and 12/10 are single stage centrifugal pumps directly mounted to a compact and highly efficient Weber 2 cylinder, 4 stroke engine.

With a volute and impeller designed to maximize efficiency and output the 17/10 and 12/10 offer a continuous performance of at least 1700 and 1200 litres per minute at 10 bars of pressure with a 3 metre lift ideal for incidents where a large volume of water is required rapidly. The 17/10 and 12/10 deliver maximum flows of 2450 and 2150 litres per minute at 3 bar.

Both models have undergone rigorous testing to ensure they meet the demanding expectations of the latest standards EN1028, EN14466 and CE safety.

Key performance features

Performance Data	GP17/10	GP12/10
Maximum output at 10 bar	1700l/min	
Rated output at 10 bar	1500l/min FPN 10-1500	1000l/min FPN 10-1000
Maximum flow	2450l/min @ 3 bar	2450l/min @ 3 bar
Maximum pump discharge pressure	16.3 bar	14.7 bar
Maximum pump speed	6100 rpm	6100 rpm
Priming time to 7.5M with 100mm suction line	<30 seconds	<30 seconds
Dimensions LxWxH	677mm x 525mm x 620mm	677mm x 525mm x 620mm
Coolant capacity	4 litres	4 litres
Oil capacity	3 litres	3 litres
Fuel tank capacity	18 litres, 63 mins running at rated performance	18 litres, 83 mins running at rated performance
Fuel Type	Petrol 95 ron	Petrol 95 ron
Weight - dry	128 kg aluminum, 160 kg bronze	125 kg aluminium, 157 kg bronze
Weight - wet	148 kg aluminum, 180 kg bronze	146 kg aluminum, 177 kg bronze
Dangerous goods identification category	Class 9 Un3166	Class 9 Un3166
Engine	Weber MPE 850 NA, 2 cylinder, 4 stroke	Weber MPE %* NA, 2 cylinder, 4 stroke
Engine capacity	52kW (70 HP) 2 7500 min^{-1} (rpm) ECE-R 85	40kW (54 HP) 2 7500 min^{-1} (rpm) ECE-R 85
Capacity	846cc	846cc

RC: 809157

Robust, reliable design and maintenance

Product quality and cost and ease of ongoing maintenance are important factors in the ownership and use of a pump. To help reduce the total cost of ownership we have designed high quality, low maintenance features with fewer wearing parts to replace at service intervals.

The 17/10 and 12/10 come as standard encased in a rugged, robust frame designed to withstand the knocks and stocks of everyday use. The 17/10 has a polished stainless control panel and 304 stainless steel frames with 1.2mm thick tube parts. Whilst the 12/10 a black power coated control panel and 6082 T6 aluminum frame with 3mm thick tubing parts. The volute and impeller are aluminum BS1490 LM25TF and the shaft stainless steel EN57 431S29.

Easy to operate

Big on performance

Small in size

Fuel economy and carbon footprint

We know managing fuel costs and your carbon footprint is important which is why we have used advanced engine and pump design to ensure we deliver low fuel emissions and increased fuel efficiency an 18 litre fuel tank allows pumping at full rating for at
least 60 minutes and performance fuel consumption analysis indicates that the 17/10 is on average 8% better than comparable products.

Firefighting Rescue Diving

RC: 809157

GODIVA

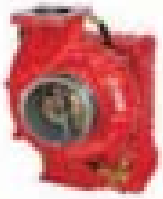
The partner of choice for all your fire pump needs

At Godiva innovation, high performance, versatility and quality are at the heart of all we do. With over 70 years experience we take pride in putting the customer first so, whatever your needs we have the solution for you, from vehicle to skid and trailer mounted pumps, foam and compressed air foam systems to market leading electronic instruments. And, with global brands that you can trust and dedicated sales, service and training support we are the partner of choice for your fire pump needs.

Vehicle Mounted Pumps

Godiva Prima

Godiva Prima



MBP

- Single and multi pressure
- Rear or midship mounting.
- Light alloy, bronze or cast iron construction
- Automatic and manual priming option.
- Gearbox optional.
- Wide range of models available -Up to 170 l/sec

Skid and Trailer Mounted Pumps

FP1000

FP2000

FP3000

- Municipal, marine and industrial options
- John Deere or Iveco engines
- Custom builds possible,
- Integral panel with all local and remote Controls
- Wide range of accessories

Compressed Air Foam System

Prima SmartCAFS

MiniCAFS

MCPSOS

- Improved fire knock down times.
- Massively reduced water damage.
- Reduced environmental damage.
- Reduced water usage.
- More efficient use of water, manpower and equipment.

Electronic Instrumentation

ITL 40

TPG+

ES-Key CAN-Bus

- ES-Key CAN-Bus
- Intelli-tank tank level.
- TPG+ automatic pressure regulator.
- SPS “Smart Programmable Switch”.
- Configurable J1939 CAN-Bus Switch.

RC: 809157

HALE

Class 1

GODIVA

Safety

Firefighting

Rescue

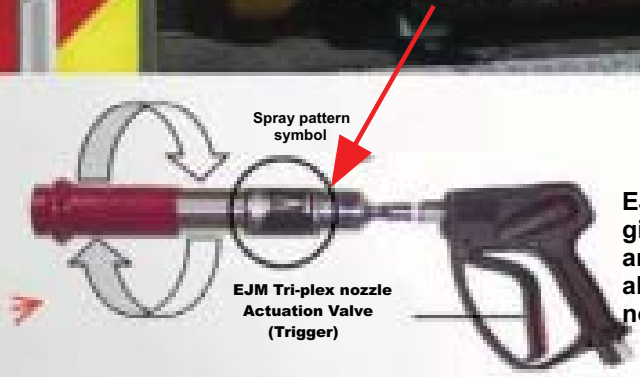
Diving

RC: 809157

EUROPA
SAFETY PRODUCTS

HIGH PRESSURE / HIGH FLOW HYDRAULIC
FIREFIGHTING SYSTEM

Attack vehicle, brush/wildland and even some structural fires with a variety of water/foam streams,
more effectively than ever before



EJ Metals patented, Tri-Plex™ triple discharge nozzle gives you a straight stream, foam stream and 60-degree angled spray with foam. Its unique swivel selector design allows you to change streams with an easy twist of the nozzle.

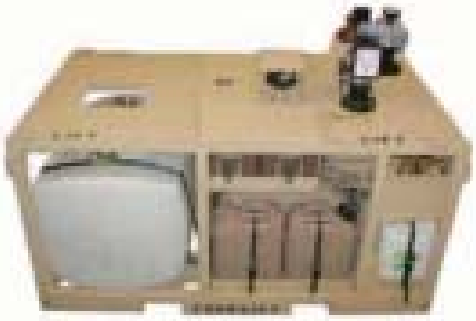
DON'T JUST KNOCK IT DOWN - KNOCK IT OUT!
High pressure firefighting system from EJ Metals put unexpected knock down power in your hands. Designed for today's fire response environment, E.J Metal high pressure firelighting systems allow you to attack vehicle, brush/wildland and even some structural fires with a variety of water/foam streams more effectively than ever before and they use less foam and water than you would expect (up to 66% less)

E.J Metals is the leader in highly effective, high pressure firefighting technology. We are the only apparatus manufacturer to combine an exclusive EJ Metals high-pressure pump configuration with a patented, Triple-discharge nozzle. This combination gives you the ability to tackle almost any fire wheatear using the system alone or in combination with a traditional high-flow fighting system.

HOW IT WORKS
The system pushes water/foam through a small and extremely high pressure-foam 1500 to 3000 PSI-to create tiny water and foam droplets that separate the fire foam blanket left behind works to keep the fire out!

RC: 809157

8 GPM
HIGH PRESSURE SYSTEM



16 GPM
HIGH PRESSURE SYSTEM

NEW “MADDIC”
WATER DUMP CHUTE SYSTEM

ONLY EJ METALS OFFER:

- **Longest run times in the industry on a single tank of water.**
- **An exclusive CatPUMP triple-plunger, high pressure pump optimized for high pressure firefighting application lifetime warranty.**
- **Foam proportioning system with separate foam tank to allow sustained operations, unlike “one shot” premixed systems.**
- **A patented, easy-to-use, triple-discharge nozzle designed to make high pressure firefighting incredibly effective.**
- **System is usable with class A and class B foam in whatever Concentration you need; foam are easy to adjust.**

High pressure firefighting systems from EJ Metals put unexpected knockdown power in your hands.

While others talk about high pressure foam systems. EJ Metals has perfected high-performance high pressure systems with exclusive technology and design features to make you more effective at fighting fires. EJ Metals systems are designed for today's fire response environment and allows you to attack vehicle, brush/wildland and even some structural fires with a variety of water/foam streams more effectively than ever before.

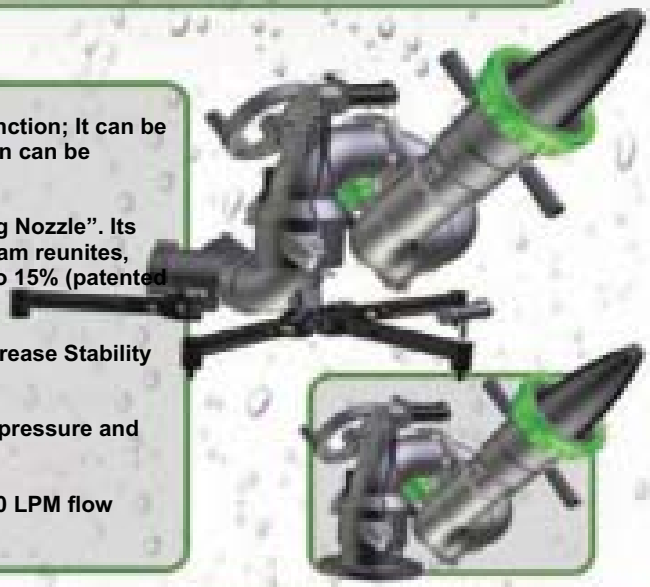
EJ Metals is a leader in high pressure foam systems. Our 8-gmp high pressure foam systems deliver longer run times-more than 9 minutes and use less foam and water than traditional systems. Only EJ Metals offers an exclusive CatPUMP high-pressure PUMP configuration specifically designed for fire fighting. Our patented EJM Triplex Triple-discharge, high pressure water/foam nozzle is easy to use, lets you select three different streams, and delivers exceptional foam quality for better knock down and suppression performance. Choose from gas-powered or diesel-powered systems.

Safety Firefighting Rescue Diving

RC: 809157

ROCKETT GF5

5000LPM Dual purpose Monitor package.



The ROCKETT GF5 monitor serves a dual purpose function; It can be mounted in a fixed position on an apparatus, and Then can be removed and used in a portable mode.

The ROCKET GF5 RF features the "velocity Equalizing Nozzle". Its cone shape direct the flow more gradually as the stream reunites, avoids turbulences, and increases the reach of 10% to 15% (patented system)

Additionally a unique safety system automatically increase Stability helping to make it stable

The Nozzle automatically adjust to maintain effective pressure and efficient stream reach between 1000 and 5000 LPM

The system components are optimized to allow a 5000 LPM flow capacity at 7 bar nozzle pressure,

ROCKETT GF5 RF

5000LPM Dual Purpose Radio Frequency Operated Monitor Package.

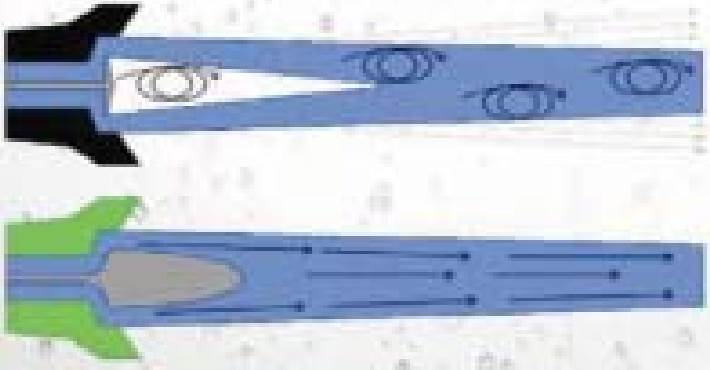
The fixed monitor ROCKETT GF5 RF can be operated via a handheld Wireless transmitter up to 400 Meters away

Patented system of radio communication without any interference (the Frequency changes 100 times /second).

VELOCITY EQULIZER

In a traditional fog nozzle, the Stream creates turbulences in the void area perturbing the stream quantity

"Velocity Equalizing Nozzle" Directs the flow gradually as he stream reunited, for a better qualify and a reach optimization from 10% TO 15%



RC: 809157

ROCKETT F2 RF
2000 LPM Fixed Mount Radio Frequency Operated Monitor Package

The ROCKETT F2 RF is the ideal solution for your low flow rate fixed monitor needs (s 2000 LPM) for apparatus mounting and bumper turrets.

The ROCKETT F2 FR features the “Velocity Equalizing Nozzle”. Its cone-shape directs the flow more gradually as the stream reunites, avoids turbulences, and increases the reach of 10% to 50% (patented system).

The fixed monitor ROCKETT F2 RF can be operated via a joystick control and up to 400 meters away with a handheld wireless transmitter.
Patented system of radio communication without any interference (the frequency changes 100 times / second).
The monitor is equipped with a nozzle calibrated to flow 1800 LPM at 7 bars.

ROCKETT F5

5000LPM Fixed Mount Radio Frequency Operated Monitor Package.

ROCKETT F8 RF

8000 LPM Fixed Mount Radio Frequency Operated Monitor Package.

ROCKETT G2

2000 LPM Portable Monitor Package.

The ROCKETT G2 monitor is designed for quick deployment and easy operation by just one fire fighter.

The ROCKETT G2 features the “velocity equalizing nozzle”. Its cone-shape directs the flow more gradually as the stream reunites, avoids turbulences, and increases the reach of 10% to 15% (patented system).

Safety Firefighting Rescue Diving

EVS Series

Variable speed electric motor

Positive Pressure Ventilation, or PPV as it is commonly known, is a fire fighting technique that uses air as a tool to control the hostile environment inside an enclosed structure.
Our electric blowers are used to replace a hostile interior environment with fresh, ambient air.

TURBO BLOWERS
WITH VARIABLE SPEED ELECTRIC MOTOR
EVS 33 : 33 000 m/3h
EVS 42 : 42 000 m3/h

MACH Series

The true power of ventilation

POSITIVE PRESSURE VENTILATION
MACH 38 : 38 000 m3/h
MACH 45 : 45 000 m3/h
MACH 62 : 62 000 m3/h

MACH Series Accessories

Flexi Foam Generator

Non Collapsible duct antistatic grey

Exhaust hose with adaptor

Non collapsible duct yellow

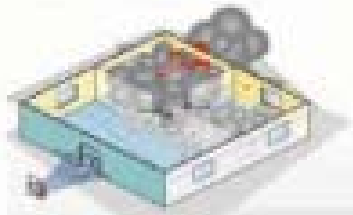
Protecting your personnel from hazardous environments is vital
Effectively ventilating toxic gases and smoke from fires, as well as harmful dust, fumes and other contaminates in industrial applications, will make your work environment safer.

TEX 45

Blower ATEX

- Positive pressure ventilator.
- Conform to ATEX standards.
- Easy to store in any type of vehicle.
- Low noise level.
- Large protective shroud.
- No exhaust gases.

Blower ATEX
TEX 45 : 45 000 m3/h



RC: 809157

EROSCOPRPE 150
Automatic nozzle

EUROSCORPE 150:150 L/MIN at 7 BAR

EROSCOPRPE 500
Automatic nozzle

EUROSCORPE 500:500 L/MIN at 7 BAR

FLOW EFFICIENCY:

- Flow and reach are optimized with an internal pressure-regulating spring mechanism that is designed on the outside of the waterway. This allows for an unrestricted flow for maximum firefighting power.
- Flow is regulated with the unique window valve which allows for easy open and closing of the nozzle under up to 40 bars.

DURABILITY:

- The nozzle is designed of lightweight and durable aluminum alloy. Protection is offered against mechanical and chemical attacks by means of an 80µ hard anodization and a Teflon impregnation.
- Unbreakable aluminum bronze shutoff handle and aluminum pistol grip are covered with LAVACOAT protection offering superior insulation against heat and cold, while insuring a non-slip grip even with the use of foams.

ULTRA-ERGONOMIC:

- SantopreneTM bumper is designed with tactile marks to show stream position for ease of selection by look or feel.
- Shutoff handle and pistol grip are designed to be easily used with a gloved hand.

EXTRAS:

- Shutoff handle grip includes a custom ID tag to personalize each nozzle
- Available with fixed or spinning teeth.
- Conform to the nom EN 15182-2

SCORP' ATTACK
CAFS Handline Nozzle

The CAFS nozzle par excellence....
3 positions, 3 different actions.

The Scorp' attack allows the optimization of wet foam, dry foam and water without shutting down, by turning only the tip of the nozzle.

- Tactile detents and indicating lug provide position feedback.
- Patented pressure balance chamber allows nozzle to be adjusted effortlessly under flow pressure.
- Hard anodized, Teflon® impregnated aluminum alloy body and pistol grip.
- Aluminum/bronze shutoff handle.
- Zytel® ST801 polyamide center barrel.
- 1.5" female BSP swivel inlet.
- Weight: 2.13 kg.
- Recommended with the One/Seven® system.

NOZZLE SF+
Conventional multi flow-nozzles

- **Flow rates:**
  SF 150:20/50/100/150 l/min @ 6 bars
  SF 500:100/200/350/500 l/min @ 6 bars
  SF 1000:300/500/750/1000 l/min @ 6 bars
- **Very ergonomic:**
  Special Bumper allowing a better grip when choosing the flow, with avec tactile marks, made of shockproof polyurethane resistant to extreme conditions.
- **Robustness:**
  Made of extremely light and robust AGS T5 aluminum, protected against mechanical and chemical assaults by means of a 50µ hard anodization combined with a Teflon impregnation.
- **Polyurethane:**
  This elastomere composing the pistol grip and the bumper doesn't melt with heat, it is a really efficient insulating material, enabling the use of this nozzle even under high temperatures conditions.
- **Stainless steel axis and screws.**
- **Complying with the EN 15182-2 norm.**

MATISIC

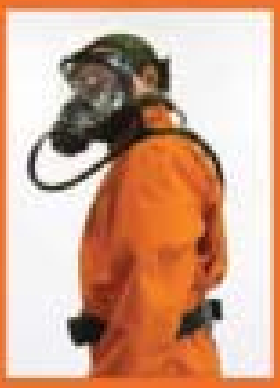
REMAINING CONNECTED

TO BREATHING AIR EVERYWHERE

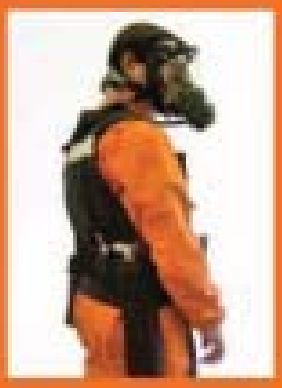
BREATHING AIR ALLOWED

Matisec's heart of work designing self contained breathing apparatus or protective device is also specialist to develop protective device according to wide range of situation is airline breathing apparatus with or without bail out system. Due to the lack of place or intervention time out and tree moving needs wearing a SCBA is from time to time not suitable. The wearer will be connected by hose to a medium pressure network. Matisec has decided to be involved also in the production of the breathing air according EN12021 standard high and medium pressure.

MATISEC IS ABLE TO SET A BREATHING AIR NETWORK ACCORDING HIS CUSTOMERS NEEDS BY DIFFERENT WAYS, TO ACHIEVE A PERFECT BREATHING AIR PROTECTION IN TERMS OF QUALITY AND FLOW RATES TO ONE MAIN GOAL; GUARANTEE AND SAFE THE AIR SUPPLY OF THE INDIVIDUAL PROTECTIVE DEVICE AND USER'S SECURITY.



MATAIR



MATAIR SECOURSE/GI

ALKY HELMET

SCBA 3S

RC: 809157

HP COMPRESSOR
300 BARS

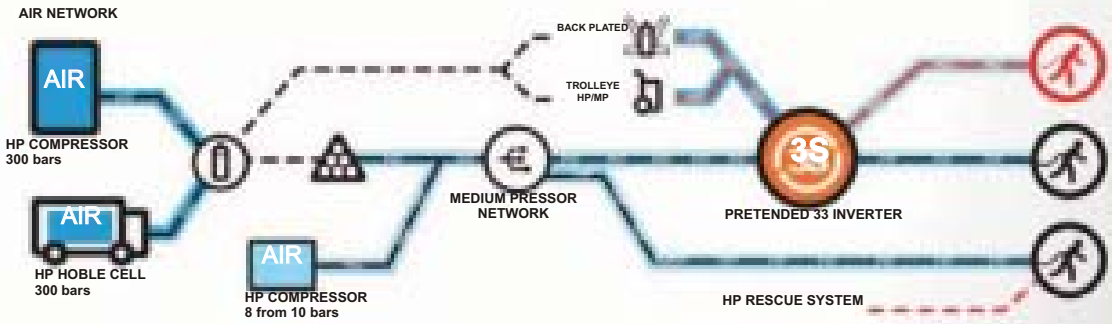
A complete range of high Pressure compressor light mobile to industrial on-site units.
Electrical or thermical engine from 6 to 37 m^3/H 300 bars to 450 bars (sound insulation in option)

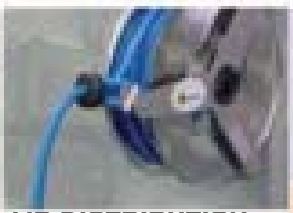
HP MOBILE CELL

Truck fitted with filling HP compressor, electrogen group, filling device, on line air station quality control.

HP RACK

Breathing air according en12021 high pressure storage with pressure regulator included for high flow rate needs.





MP DISTRIBUTION

Can be provided on a cart with hoses rolls, quick connectors.....

HP/MP TROLLEYS

Breathing air according EN12021 High pressure storage with pressure regulator included for light flow rate needs.

HP/MP RESCUE

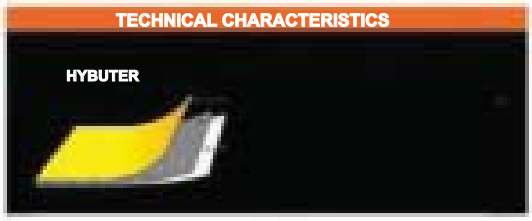
Safety Firefighting Rescue Diving

RC: 809157

MATISIC

LS

The LS protective suit is a specific type 1b model in conformity with standard EN 943- 1. It is made of a material that is particularly resistant to ammonia and chlorine. The suit is equipped with permanently attached boots and gloves and can be put on quickly and easily.



THE PROTECTIVE INSTINCT

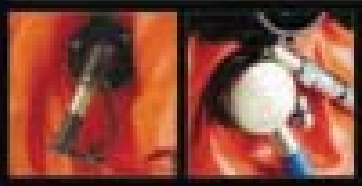
NUCLEAR ZONES

MATICSE, leading manufacturer of ventilated suits and hoods, now provides a complete line of 100% reliable PPE, tubes and secure filtration posts in conformity with EN 14593/14594

AN ENTIRE LINE

RC: 809157

EXTERNAL AIR SUPPLY AND VENTILATION/



PROOFED ACCESS OR VENTILATION VALVE

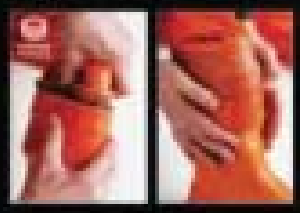
GR III SOL

CHEMICAL PROTECTIVE SUIT

The**GR III SOL** protective suit provides the same level of protection comfort as the GR III . It also protects the SCBA worn inside the suit (type 1a)

The airtightness of this proactive suit meets the internal pressure test requirements of standards **EN 464** and **EN 486**

INTEGRATED HELMET



KI GV

CHEMICAL PROTECTIVE SUIT

The **KI GV** protective suit, like the dm version allows the user to wear a respiratory system and mask (type 1a).
An integrated helmet protects the user's head from shocks with no need for further protection. a panoramic antcondensation visor provides a very wide angle of vision when looking up or down.

The airtightness of this proactive suit meets the internal pressure test requirements of standards **EN 464** and **EN 466**

Safety
Firefighting
Rescue
Diving

RC: 809157

Extinguisher Ball

Description:

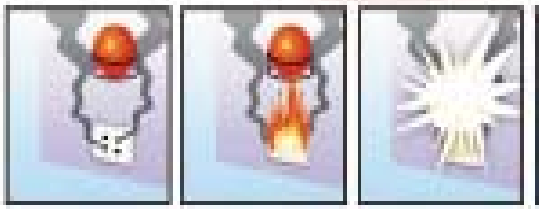
- Unit weight: 1.3kg
- Shape: Ball type
- Instruction: Fixed position by automatic fire sensor and/ or throw in fire area
- Ignition: Automatically explode within 3-5 seconds after touch of fire
- Content: Environmental harmless dry powder
- Validity: 5 years
- Automatic reaction time: 3-5 seconds
- Effective extinguish area: 3 Cubic meter

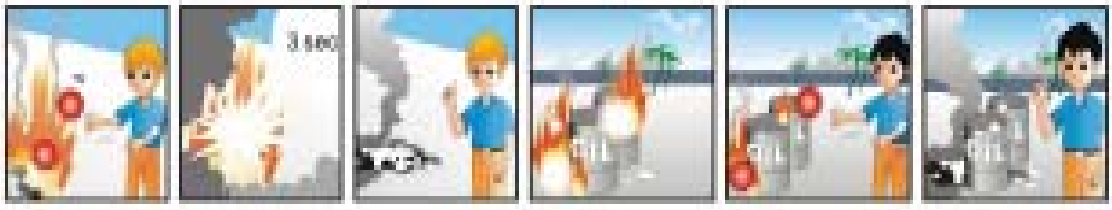
Advantage:

- Light weight only 1.3 kilograms shape of a ball even the old and children can use it easily.
- As long as it is rolled out to fire scenes or set in fire places easily, such as the electric case, the gas barrel, flammable chemical articles in the factory, shopping mall, gas station, hotel, or even in the car, it will automatically kill the fire.
- As long as it is been touched by flame for 3-5 seconds, ABC-01 will automatically extinguish the fire effectively and rapidly.
- You don't need to be close to fire scenes to extinguish the fire any more. ABC-01 is made of totally harmless material to the environment and safe for users: the exploding power has been accurately calculated to be approved safe.
- ABC-01, it can be at your service always to extinguish the fire and no need to do regular inspection yearly for 5 years. The product life span is 5 years, and can serve as a fire alarm to inform and warn people in and around scenes.

Packaging

- 1 piece in color box, 12 pieces in carton
- N.W & G.W: 16.00KGS/ 18.00 KGS
- Carton size: 54*36*35.5cm
- 20'CT: 4,608 pieces





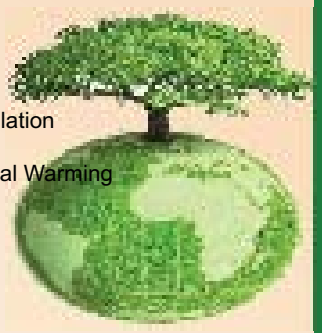
Safety Firefighting Rescue Diving

RC: 809157

CLEANSOL (Small Whirlwind)
FIRE SUPPRESSION
AEROSOL GENERATORS/EXTINGUISHERS

FEATURES

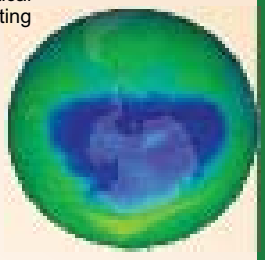
- Highly effective extinguishing agent
- Significantly more effective than alternative agents
- Non-toxic
- Non-corrosive
- Easy to install-does not require vessels, piping, or expensive installation manpower
- Environmentally friendly. Ozone Depletion Potential (ODP)=0,Global Warming Potential (GWP)=0
- Suitable for enclosed facilities and local spaces
- Low maintenance
- Suitable for Class A,B,C,F fire hazard
- Will not harm electronic equipment or magnetic tape
- Compact-up to a 90% reduction in space and weight requirements



APPLICATIONS

Due to their fast response time, low fire extinguishing concentration, and environmental safety, Cleansol® (Small Whirlwind) aerosol generators may be widely used in critical applications across a wide range of industries. Aerosol generators are currently protecting and are suitable for use in:

- Telecommunications facilities
- Process control rooms
- Marine engine rooms/machinery spaces
- High value mobile equipment
- General industrial hazards
- Data processing facilities
- Storage Vaults
- Flammable liquid storage areas
- Turbine enclosures
- Power Plants
- Warehouses
- Small boats
- Aircraft engines
- Any others



OPERATION/DESCRIPTION

Upon detection of a fire, The Cleansol® (Small Whirlwind) generators/extinguishers can be activated either manually or electrically from a suitable detection device, The generator produces an exceptionally effective, ultra-fine, strontium based aerosol, Unlike gaseous systems which operate at pressure, aerosol generators are very cost effective to install and maintain. they do not require the pressure vessels, piping or expensive installation costs associated with other extinguishing systems. space and weight requirements are minimal.

On an agent weight basis, the aerosol is above ten times as effective as the current generation of halon replacement agents. The Cleansol® (Small Whirlwind) generators's effectiveness is a function of its patented design, aerosol composition, and ultra-fine particle size.

Extinguishment is primarily achieved through interference between the ultra-fine aerosol particulate and the flame's free radicals terminating propagation of the fire.

Cleansol® (Small Whirlwind) generators are virtually maintenance free and have a shelf life of over **10 YEARS**. Coupled to the very low installation cost, this make them an extremely cost effective fire protection solution.

Safety Firefighting Rescue Diving

Nigeriana International Contractors & Merchandise

RC: 809157

Make Safety Available, Use Safety

Nigeriana ranges of Fire Extinguishers

Class A: SOLIDS such as paper, wood, plastic etc

Class B: FLAMMABLE LIQUIDS such as paraffin, petrol, oil etc

Class C: FLAMMABLE GASES such as propane, butane, methane etc

Class D: METALS such as aluminium, magnesium, titanium etc

Class E: Fires involving ELECTRICAL APPARATUS

Class F: Cooking OIL & FAT etc

Types of Fire Extinguisher

Water Fire Extinguishers:

Foam Fire Extinguishers:

Dry Powder Fire Extinguishers:

CO2 Fire Extinguishers:

Wet chemical Fire Extinguishers

Safety
Firefighting
Rescue
Diving

RC: 809157

Tectro

Technology

FIRE-EX 1.5/3.o is bases on a pressure and propellant free dispersion system. It is centered around a force element made of silicone. Upon filling the system the force element expands, and because of the expansion energy, it puts a pressure (approx. 2bars or 30lb/in2) upon the extinguishing agent inside. When triggering the nozzle, the force element shrinks back to its initial size and in the process it disperses the extinguishing agent from the system.

With this technology a riser tube is no longer necessary, allowing for 360° dispensing.

Advantages of the system

- No aerosols (propellant free)
- Completely safe and hazard free
- Extinguishing agent is biologically degradable
- Extinguishing against does not contain PFOA/PFOS
- Simple use
- Low weight
- Maximum extinguishing performance
- No contamination via extinguishing agent
- Long distance of dispersion
- Reduced smoke development during extinguishing
- 360° dispersion
- Extinguishing agent is made solely of active agents
- High rate of extraction of extinguishing agent
- Constant dispensing power

Technical Data

Version	Fire Classification	Weight	Extinguishing medium	Dispension Volume	Dispension Time	Dispension distance	Temperature-performance range
FIRE-EX 1.5	F	230g	Liquid grease extinguisher	150ml	approx. 14secs	4m	-30°C to 50°C
FIRE-EX 3.o	A,F	440g	Liquid grease extinguisher	300ml	approx. 35secs	4m	-30°C to 50°C
FIRE-EX 8.oF	A,F	1600g	Liquid grease extinguisher	800ml	approx. 15secs	5m	-30°C to 70°C
FIRE-EX 8.oS	A,B,F	1400g	foam	800ml	approx. 15secs	5m	0°C to 70°C

Gel agent fire extinguishing system:

- MPA (German testing laboratory) extinguishing agent approval # PL 1/98
- Survey of the Ruhr district hygiene institute

Foam agent fire-extinguishing system:

- MPA (German testing laboratory) extinguishing agent approval # SP190/10
- Survey of the Ruhr district hygiene institute

RC: 809157

The New Generation of Extinguishers

Certificates subdivided to the systems

- Material Safety Data Sheet (MSDS)
- Standard extinction performance from the materials Testing institute Dresden (MPA) confirmed in accordance to DIN EN 3 -7
- Electrical tests according to DIN EN 3-7 via MPA Dresden
- Waste water technical combustion hygiene tests of the Hygiene-institute of the Ruhr. Germany
- Biologische Soil testing of the Hygiene-institute of the Ruhr. Germany
- Last fire Foam Test Result
- Extinguishing Agent Clearance
- Material Clearance via VDE Testing and Certification Institute

Grease extinguisher 1.5/3.o/8.o

Foam extinguisher 8.0

Fire-Ex Extinguishers are not EN3 Appliances as:

- The force element (pressure chamber) is flexible (pressure is only approx. 2, 5 bar
- The outer housing is made of plastic and is not metal
- The filling volume is less than 1 litre

Safety Firefighting Rescue Diving

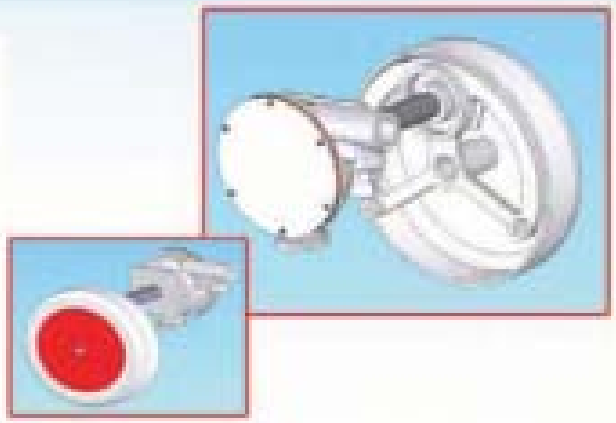
RC: 809157

rolland

Water motor gong CE/FM

Description

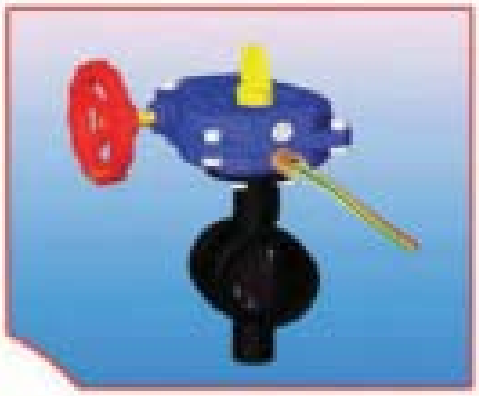
The model “E” Water Motor Gong is a self contained, water operated alarm which sounds continuously whenever the sprinkler system is activated. Designed with functional simplicity and engineering practice, the Model “E” Water Motor Gong is always ready to function in the event of fire.



Butterfly valve grooved type UL/FM

Technical specification

.Two switches as standard
.Maximum working pressure: 20.7 bars
.Maximum test Pressure: 41.4 bars
.Maximum working pressure: +120°C
.Factory installed UL listed double tamper switch for indoor and outdoor use.



Technical specification

.Two switches as standard
.UL/FM approved
.Maximum working pressure: 12 bars
.Maximum test Pressure: 25 bars
.Maximum working temperature: +120 C
.Factory installed UL listed double tamper switch for indoor and outdoor use.

SSP Standard 3/4

SSP Rapide 1/2

K115 Sprinklers SSP - SSU

Description

The sprinklers spray pendent (SSP) and spray Upright (SSU) have a parabolic water distribution Directed towards the ground on a specific area. A Spray sprinkler discharges from 80 to 100% of the Total water flow in a downward direction

SSU Rapide 3/4

Technical specification

.Maximum operating pressure: 12 bars
.Maximum factory pressure test: 35 bars (made on each sprinkler)
.Packing: Polystyrene box of 20 units, Dim 0. .25x 0.205x 0.08 m, weight = 1.6kg
.Accessory: Sprinkler Neptune spanner

SSU Standard 1/2

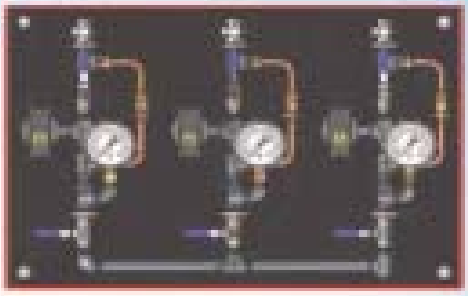
RC: 809157

Pump initiation board

EN12845

Description

- Fulfils the requirement of EN12845 (double switch)
- Pump initiation boards are ready for wall mounting in the pump house.
- Each initiation has a separate test arrangement and connection with a common drain.
- All units are pressure tested to 16 bars prior to dispatch.

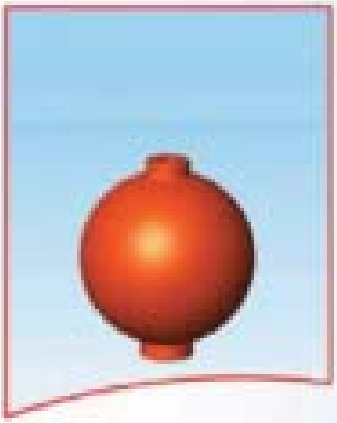


Post indicator UL/FM

Wall PI

Description

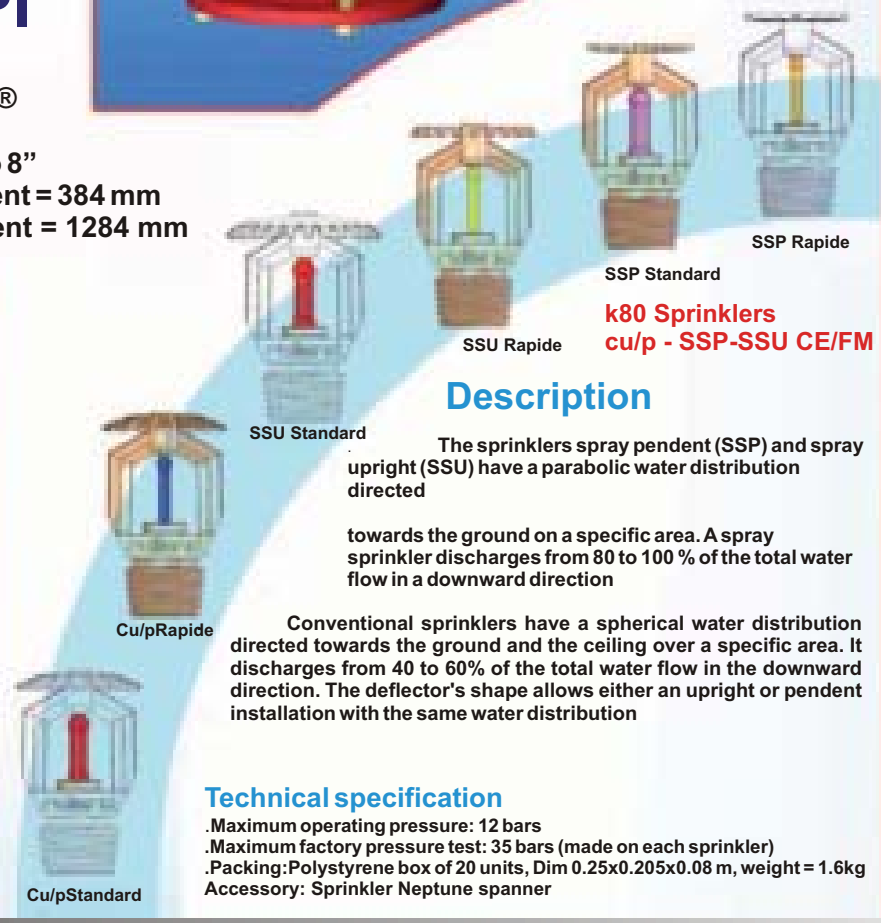
.Brand: RAPIDROP®
.UL/FM approved
.Pour vanne Rapidrop
.NRS 4" à 8"



Vertical PI

Description

.Brand: RAPIDROP®
.UL/FM approved
.For NRS valve 4" to 8"
.Minimum adjustment = 384 mm
Maximum adjustment = 1284 mm



SSP Rapide
SSP Standard
SSU Rapide
SSU Standard
Cu/pRapide
Cu/pStandard

k80 Sprinklers
cu/p - SSP-SSU CE/FM

Description

The sprinklers spray pendent (SSP) and spray upright (SSU) have a parabolic water distribution directed

towards the ground on a specific area. A spray sprinkler discharges from 80 to 100 % of the total water flow in a downward direction

Conventional sprinklers have a spherical water distribution directed towards the ground and the ceiling over a specific area. It discharges from 40 to 60% of the total water flow in the downward direction. The deflector's shape allows either an upright or pendent installation with the same water distribution

Technical specification

.Maximum operating pressure: 12 bars
.Maximum factory pressure test: 35 bars (made on each sprinkler)
.Packing:Polystyrene box of 20 units, Dim 0.25x0.205x0.08 m, weight = 1.6kg
Accessory: Sprinkler Neptune spanner

Safety Firefighting Rescue Diving

RC: 809157

cofem®
www.cofem.com

Addressable Lyon fire detection control panel

CE Certified n. 0370-CPD-0623 by APPLUS

The Lyon analogue addressable control panel is EN 54-2 and EN 54-4 standard certified according to the latest CE directives and can successfully overcome difficult environmental conditions, electrical interferences, electromagnetic radiate upsets, vibrations, etc.

CC01-4 Carbon Monoxide detection control panel

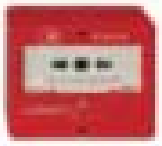
The CC01-4 control panel consists of electronic equipment capable of instantaneously detecting the presence of Carbon Monoxide(CO) in location such as parking structures, workshops, tunnels, etc, by measuring the exact concentration expressed in parts per million can also activate the ventilation system or trigger an alarm, depending on the level of CO concentration detected.

LONDON CONTROL PANEL

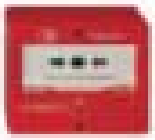
The London conventional control panel has been designed to meet the EN 54 standard, parts 2 and 4, according to the latest CE directives and can successfully overcome difficult environmental conditions, electrical interferences, electromagnetic radiations, vibrations, etc.

Conventional CVLR fire detection control panel

Automatic Conventional fire detection and fire alarm control panel.



Conventional manual call point PUC-AR



Analogue manual call point PUCAY

Sensors

DCO carbon monoxide detector

Analogue optical smoke sensor A30XHA

Analogue multisensor A30XHTCO

Analogue heat sensor A30XTA

Conventional rate of rise heat detector A30XV

Conventional optical smoke detector A35B

Conventional heat detector A30XT

Conventional optical smoke detector A30XH

RC: 809157

Production Quality Assurance

ATEX CERTIFIED

GAS TRANSMITTERS with enose® technology

Microprocessor based gas detector designed to measure gas concentrations with different range % L.E.L, ppm, %Vol,TLV, TWA.

enose® technology inside

Enose® Technology consists in gas transmitters series based on high performance RISC processor self contained and integrated in a sturdy head.

RAS/AD

RAS/AD and RAS/DY are ATEX certified Gas Detectors for a variety of Explosive and Toxic gases.

- **Microprocessor based**
- **4-20 mA output**
- **Three Voltage free contact relays**
- **RS-485 MODBUS RTU serial interface**
- **Bluetooth wireless communication**

II2 G Eex-d IIC T6

INTELLIGENT HEAT DETECTION

OVER TEMPERATURE AND SUPPRESSION RELEASE DEVICES

II2 G Eex-d IIC T6

TMP2 series: Electronic fire and overheat detectors.

TMP2-J

TMP2-Jo

Certificate ATEX II 2G EEx-d IIC T6 High reliability, dependable Long-life. Temperature set-point level from 20°C to 120° immune from EMI Disturbance and virtually eliminates false alarms. Different output configurations. Static set point and rate of Rise features, Self diagnostiZc procedure. Wide range of temperature settings. Two wires technology.

CONTROL PANELS AND MODULAR SYSTEMS.

AR600…. AR2000 are standard case for max. 40 REL/isp modules (max of 80 gas detectors with AR2000 and alone 2mm high cabinet)AR600/AR2000 cabinents are supplied fully wired, with power unit up to 40 REL/isp modules and 60 ISP alarms outputs with (SPDT) relay rated at 3A 110 Vac. AR series cabinents are equipped with Driver for serial line RS-485.

SYSTEMS AND SOFTWARE

Excetera Multitasking dual processor controller

32-bit ColdFire Processor; 16 MB RAM, 512 KB Battery-backed RAM; 8 MB Flash EEPROM, serial ports: RS-232, RS-485, Modbus protocol, Two Optic fiber drivers62.5/125um (3.5 Db/km). Ethernet Port, FTP, FTP, PPP, Modbus protocols, Internal Power supply and Battery charger.

Software

EnoseBlu Special S/W for enose Gas Transmitters maintenance and configuration. Data Log capability, Trends, Calibration report, Stand-Alone calibration station.

Safety Firefighting Rescue Diving

AWG

Hose pressure gauges

Adjustable foam nozzles

Bilge-Turbopump

Dividers with ball valves

Extinguishing Lances

Heavy foam nozzles

Hose washing attachments

Water shields

Hose shut-offs with ball valve

Ejector pumps

RC: 809157

Fire Pumps

new range of UL listed and FM approved fire pumps provide you a reliable solution for your fire fighting pump needs by combining the stringent measures of UL/FM and NFPA standards with our proven experience in the fire protection field. We can offer you a complete package of service starting from engineering assistance to field start-up and periodic maintenance. Each pump sets are tested in our factory, prior to dispatch, as per UL/FM and NFPA standards. These pumps are covered by a warranty of one year subject to standard terms and conditions.

FIRE PUMP SET NPS SERIES

DIESEL ENGINE DRIVEN SKID MOUNTED FIRE PUMP SET

Fire Hose Reels & Cabinets

Safety Firefighting Rescue Diving

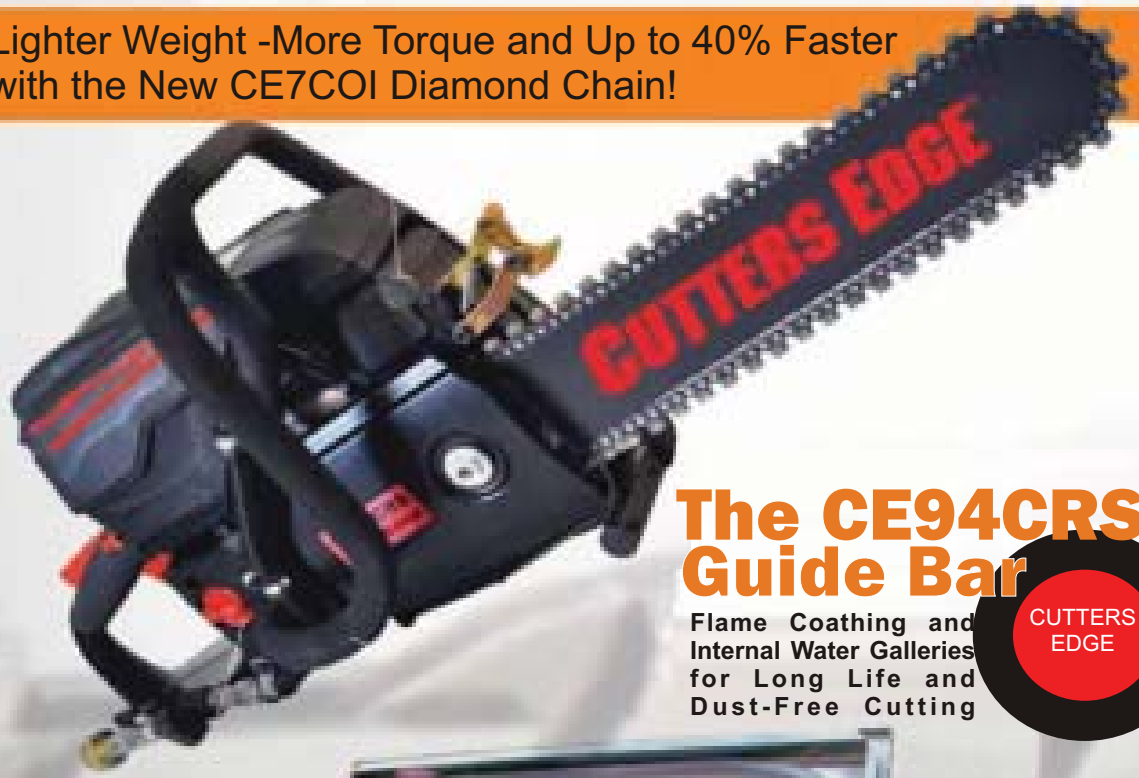
RC: 809157

NEXT GENERATION TECHNOLOGY

CE94CRS

Concerte Cutting Chainsaw

Lighter Weight -More Torque and Up to 40% Faster with the New CE7COI Diamond Chain!



The CE94CRS Guide Bar

Flame Coathing and Internal Water Galleries for Long Life and Dust-Free Cutting

CUTTERS EDGE

The CE97CRS Concrete Cutting Chainsaw is Available in a 23-Piece Field Kit

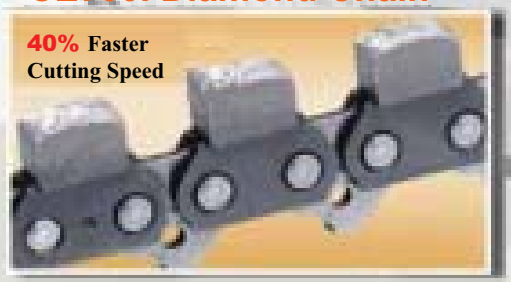
RC: 809157

New CE7COI Diamond Chain

Cuts Reinforced Concrete...

40% Faster

CE700I Diamond Chain



Diamond Segment On Every Link:

- Faster Cutting... 40% faster than our Cutters Edge GCP Diamond Chain and even faster speeds against all competitor's Diamond Chains
- More torque can be placed on the chain and bar because the Diamond Segments are closer together
- Longer life Up to 30% more diamond surface area in contact with the concrete being cut
- Cuts significantly faster when cutting through heavy reinforced concrete because more diamonds are in contact with the material being cut.

Smoother Cutting / Less Vibration

- More Diamond Segments spaced closer together with smaller profiles, increase the diamond surface area in contact with the material being cut by 30%. Not only increasing speed and life, but creating a smoother cut because of the closer spacing with a diamond segment for every drive link.

Segment Quality:

- Unique sandwich segment design maintains segment profile through the chain's life
- The sandwich design has a harder outer shell that keeps the segment's profile throughout its life and the use of a soft bond in the center enables faster cutting, especially in heavy steel
- Allows the segments to wear all the way
- Only the highest quality diamonds are used in the bond, which speed and extends life.

Special Grinding:

- Open Segments Cutters Edge CE700I™ segments are surface ground during production so the chain cuts at full speed immediately cut of the box. Other diamond chains can take more than 20 minutes of cutting to open the segments, even in abrasive material.

Chain Structure:

- The basic concept is using a hardened internal bushing between the segment links and the drive links
- The segment link is very stable and slows down the elongation of the chain
- The special hardening process also prevents excessive guide bar wear
- A cooling port in the drive link enables better cooling, especially when the chain is run with low water pressure.

RC: 809157

Get The Edge with Cutters edge NEXT GENERATION TECHNOLOGY

MULTI -CUT Fire Rescue Saws

Designed Specially for the Fire Rescue industry with the Carbide- Tipped BULLET Chain

More Power ...More Torque And More Fuel Efficient

This new technology utilizes Dual Intakes that split the airflow into one fresh-air stream and one clean-air stream for the fuel-air mixture. The fresh air intake forms a barrier that delays the fresh fuel mix from entering the engine while assisting in exhausting the burned gases. Then the fuel-air mixture flushes into the engine, resulting in more power and less emissions compared to conventional 2-stroke engines.

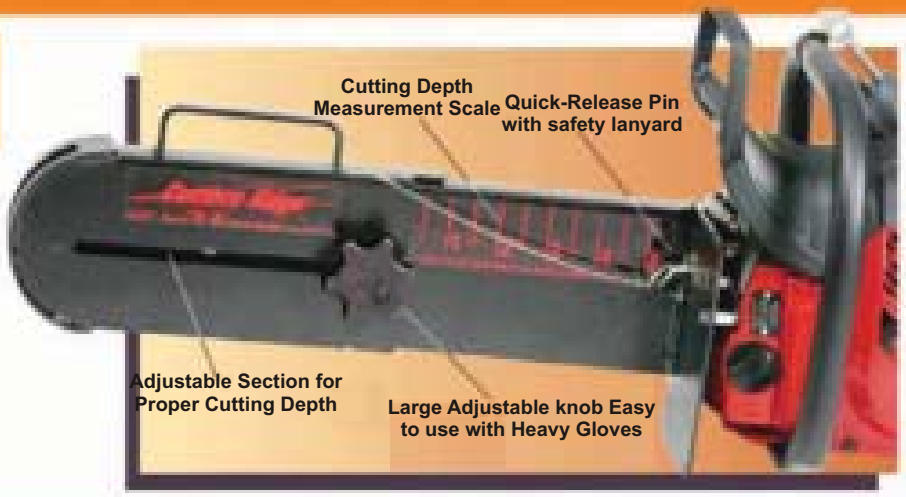
External Four-Stage Air Filter

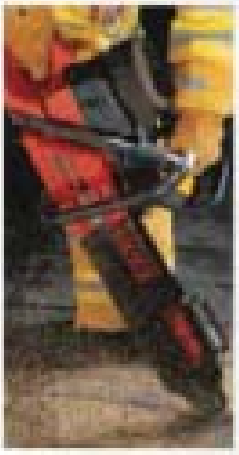
Externally mounted air filter for unrestricted airflow. Has 211.4 square inches of filtering surface enabling cutter edge saws to run up to 12 times longer than competitor's saw in hot (up to 1100*F) and smoke filled environments.

Cutters edge MULTI-CUT Fire Rescue Saw are engineered and built specifically for the Fire Rescue Service to deliver 100% reliable high performance cutting in the extreme conditions of the fire rescue environment. All engines are EPA compliant, UL , CE and ANSI certified.

RC: 809157

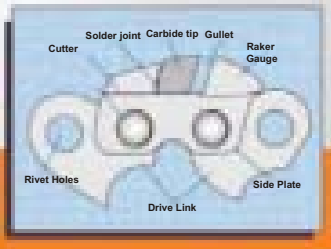
Cutter Edge Tool-Less Guard/Depth Gauge


Cutting Depth Measurement Scale
Quick-Release Pin with safety lanyard
Adjustable Section for Proper Cutting Depth
Large Adjustable knob Easy to use with Heavy Gloves



Be Rescue ready Anywhere with the MULTI-CUT Fire Rescue Saw Field Kit

Cutters Edge Patented Bullet Chain



Safety Firefighting Rescue Diving

RC: 809157

EUROPA
SAFETY PRODUCTS

Next Generation Technology
MULTI-CUT H[1] Series
Rotary Rescue Saw

Self-Adjusting Blade Guard for Ease of Cutting and Added Safety and Can Also be Locked in Place Controlled Depth of Cut

This new X TORQ® technology utilizes Dual Intakes that split the airflow into one fresh-air stream and one clean-air stream for the fuel-air mixture. The fresh-air intake forms a barrier that delays the fresh fuel mix from entering the engine while assisting in exhausting the burned gases.

Then the fuel-air mixture enters the engine, resulting in more power, higher torque, 75% less emissions and 20% more fuel economy than conventional 2-stroke engines

CE760 **CE970** **CE1260**

RC: 809157

Cutters Edge Diamond Blades Cut Anything, Anywhere… Longer, Faster and Safer than Any Other Diamond Blade. Both Blades Fit All Rotary Saws.

Advanced vacuum brazing process creates more exposed diamond cutting surface for longer life Cutting any material.

► ***Bi-Directional Cutting Capability. Available in 12" (30.5cm), 14" (35.6 cm) and 16" (40.6 cm) sizes***

Black Diamond Blade Features:
Lasts Up to 100 Times Longer Than Standard Rotary Saw Blades!
In-line Cooling Port Design

With more cooling ports to enable faster, cooler cutting performance in any material.

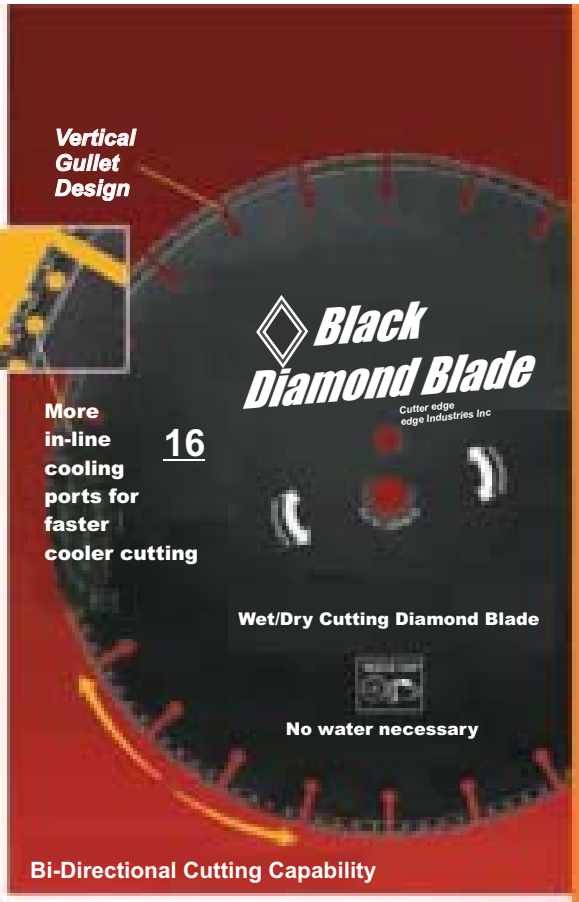
► ***Bi-Directional Cutting Capability. Available in 12" (30.5cm), 14" (35.6 cm) and 16" (40.6 cm) sizes***

Black Star Diamond Blade Features:

(And a 4 1/2" (11.4cm) to fit all Angle Grinders)

► **Bi-Directional Cutting Capability**

Cuts safely in either rotational direction for long blade life and maximum performance. Unlike other blades with angled gullets. The Black Diamond and Black Star's perpendicular Gullet Design enables cutting in both



Cuts Anything, Anytime, Anywhere

Vacuum Brazing Exposes... 30% MORE Diamond Cutting surface

Brazing Permanently fuses the cutting diamonds to the Vacuum substrate yet leaves 30% more diamond cutting surface exposed for longer blade life and faster cutting.

Electroplating

The Block Diamond Blade Fits All Angle Grinders, Too

Available with...

Black Diamond Blade or

Black Star Diamond Blade

MULTI-CUT CE760R B' Series Rotary Rescue Saw Field Kit

Specifically Engineered for Fire Rescue Cutting of any Material Found at:

Fires I Rescues I Building Collapses I Natural Disasters Terrorist Attacks I Car, Bus

RC: 809157

Rescue Hydraulic Tools
URBAN SEARCH AND RESCUE

CUTTER F130N T30- 36V BATTERY OPERATED

COD. 1.50. 2388

36V ADVANCED TECHNOLOGY

COMBI TOOL MDC 300 T30 - 36V BATTERY OPERATED

COD. 1.50. 2387

36V ADVANCED TECHNOLOGY

CUTTER F130N T30- PETROL ENGINE
COD. 1.50. 2379

COMBI TOOL MDC 300 730 - PETROL ENGINE
COD. 1.50. 2276

PETROL ENGINE HP 1

C: 150mm punta/150mm from the tip
B: 65mm dallas punta/65mm from the tip
A: 25mm dallas puntal /25mm from the tip

ATTREZZO DI SOCCORSO	RESCUE TOOL	1.50.2131	1.50.2195	1.50.2311	1.50. 2407	1.50.2403	1.50.2406	1.50.2388	1.50.2387	1.50.2379	1.50.2376
UN1 EN13204:2004	UN1 EN13204:2004	AC130E-154	EK3/200-6-154	AC130E-15.4	EK3/300-F-15.4	AC130F-12.5	EK3/200-F-12.5	AC130E -12.5	EK3/200-F-12.3	AC130F-15.4	EK3/306-F-15.4
Apertura lame	Blade opening	130 mm	300 mm	130 mm	300 mm	130 mm	300 mm	130 mm	300 mm	130 mm	300 mm
Pressione	Pressure	550 bar	550 bar	550 bar	550 bar	550 bar	550 bar	550 bar	550 bar	550 bar	550 bar
Forza max ditaglic nell incavo	Cutting power (at the blade grove)	19.3t (189KN)	19.3t (189KN)	19.3t (189KN)	19.3t (189KN)	33.7t (330KN)	33.7t (330KN)	33.7t (330KN)	33.7t (330KN)	33.7t (330KN)	33.7t (330KN)
Forza in trazione	Pulling power	\	4,5t (44 KN)	\	4,5t (44 KN)	\	8t (78.5 KN)	\	8t (78.5 KN)	\	8t (78.5 KN)
Forza dischiacciamento (25mm dalla punta)	Squeezing power (25mm from the tip)	\	3,7t (36 KN)	\	3,7t (36 KN)	\	6.5t (63.8 KN)	\	6.5t (63.8 KN)	\	6.5t (63.8 KN)
Forza divaricatore	Spreading power	\	A:2,3 t B:3,0 t C:10,1 t	\	A:2,3 t B:3,0 t C:10,1 t	\	A:4,6 t B:6,0 t C:28,0 t	\	A:4,6 t B:6,0 t C:28,0 t	\	A:4,6 t B:6,0 t C:28,0 t
Peso (senza batteria)	Weight (without battery)	14,7 kg	14,8 kg	14,7 kg	14,8 kg	12,0 kg	12,1 kg	12,4 kg	12,5 kg	15,9 kg	16,0 kg
Dimensioni mm	Dimensioni mm	670x240 x250	690x240 x250	670x240 x250	690x240 x250	690x240 x360	690x240 x360	690x240 x360	690x240 x360	720x250 x250	720x250 x250

RC: 809157

CUTTER F130N T20 -230V
COD. 1.50.2131
CUTTER F130N T20 - 120V
COD. 1.50.2311

SUITABLE FOR INDUSTRIAL APPLICATION

COMBI TOOL MDC 300 T20 - 230V
COD. 1.50.2195
CUTTER TOOL MDC 300 T20-120V
COD.1.50.2407

SUITABLE FOR INDUSTRIAL APPLICATION

CUTTER F130N T30 18V BATTERY OPERATED
COD. 1.50.2403

COMBI TOOL MDC 300 T30 - 18V BATTERY OPERATED
COD.1.50.2405
2011 Best selling item

All cordless tools are supplied with one Lithiumion battery.

UNI EN13204:2004 CATEGORY E

MATERIAL	PROFILE	SIZE mm
S235JR	●	Ø22
S235JR	▬	80X8
S235JR	□	45X45X4
S235JR	▭	50X30X3
S235JR	○	Ø 48.3X2.9

MATERIAL	PROFILE	SIZE mm
S235JR	●	Ø24
S235JR	▬	80X10
S235JR	□	50X50X4
S235JR	▭	50X40X3
S235JR	○	Ø 60.3X2.9

ACCESSORIES

Carrying strap with quick release
Suitable for MDC300/MDC360

Pulling chain set consisting of 2 tips
1.5m +3m chains and shortening hooks

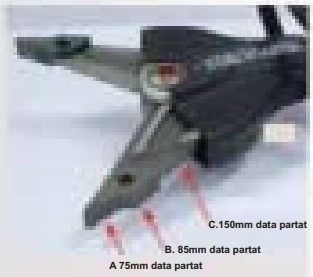
Charger

Battery

RC: 809157

CUTTER F150N T40 -PETROL ENGINE
COD. 1.50.2363

COMBI TOOL MDC360 T40 -PETROL ENGINE
COD. 1.50.2274



MDC360 T40 36V UNI EN13204:2004 CATEGORY H

MATERIALS	PROFILE	SIZE mm
S235JR	●	Ø 30
S235JR	▬	110 x 10
S235JR	□	60 x 60 x 4
S235JR	▭	80 x 40 x 4
S235JR	○	Ø 76.1 x 4

ATTREZZO DI SOCCORSO	RESCUE TOOL	1.5.2272	1.50.2272	1.50.2408	1.50.2409	1.50.2365	1.50.2344	1.50.2363	1.50.2274
UNI EN13204:2004	UNI EN13204:2004	BC1454-20,4	CK41,2/364-N-205	BC145H-20,4	CK41,2/300-N-20,5	Bc145 N-20,5	CK41,2/366-N-21	BC145 N-22,1	CK41,2/300-N-22,2
Apertura lame	Blade opening	145mm	360mm	145mm	360mm	145mm	360mm	145mm	360mm
Pressione	Pressure	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar	700 bar
Forza max di taglio Nell incavo	Cutting power (at the blade grove)	40.2t (394KN)	40.2t (394kN)	40.2t (394kN)	40.2t (394kN)	40.2t (394kN)	40.2t (394kN)	40.2t (394kN)	40.2t (394kN)
Forza in trazic no	Pulling power	\	8.8t (86.3 kN)	\	8.8t (86.3 KN)	\	8.8t (86.3 KN)	\	8.8t (86.3 KN)
Forza Schiaccamonto (25mm dalla punta)	Squeezing power (25mm from the tip)	\	7.3t (71,6kN)	\	7.3t (71,6kN)	\	7.3t (71,6kN)	\	7.3t (71,6kN)
Forza divaricatore	Spreading power	\	A: 5,8t B: 8.0t C:32,0t	\	A: 5,8t B: 8.0t C:32,0t	\	A: 5,8t B: 8.0t C:32,0t	\	A: 5,8t B: 8.0t C:32,0t
Peso (senza batteria)	Weight (without battery)	19.9kg	20.0kg	19.9kg	20.0kg	19.9kg	20.0kg	19.9kg	20.0kg
Dimensioni mm	Dimensioni mm	770x270 x 260	760x360 x260	770x270 x 260	760x360 x260	770x270 x 260	760x360 x260	770x270 x 260	760x360 x260

RC: 809157

Edilgrappa MDC300/MDC360 series tools deliver incredible cutting and spreading power compared to the very low weight and compact design

CUTTER F150NB T40 - 230V
COD. 1.50.2364

CUTTER F150 T40 - 120N
COD. 150.2408

COMBI TOOL MDC360 T40-230V
COD. 1.50.2272

COMBI TOOL MDC360 T40 - 120V
COD. 150.2409

Rescue portable cutter
suitable for car pillars, metal pipes, ropes, cables... cutting,
No hydraulic pump required

COMBI TOOL MDC360 T40- 36V BATTERY OPERATED
CUTTER F150 T40 - 120N
COD. 150.2344

CUTTER F150N T40 - 36V BATTERY OPERATED
COD. 1.50.2365

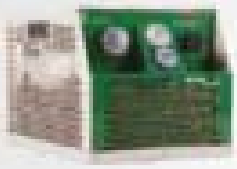
All the battery tools are supplied with one battery

Safety Firefighting Rescue Diving

RC: 809157

First Response

Liquid Oxygen Distribution Systems
Emergency Breathing Equipment



8.5 Liter Ambulance Liquid Oxygen (ALOX) System P/N 10C-0040-2

25 Liter Ambulance Liquid Oxygen (ALOX) System P/N 10C-0043-2

The 8.5 liter Ambulance Liquid Oxygen (ALOX) System is a lightweight life support system that can provide uninterrupted oxygen delivery during critical care ground transport. Pre-installed on this unit is a LOX quantity gauged as well as a connection for a second LOX quantity gauged for use inside of the ambulance. This unit is designed to be mounted in land-based ambulances. Easy to install, the 8.5L ALOX unit is the equivalent of one (1) large H-Cylinder.

The 25 liter Ambulance Liquid Oxygen (ALOX) System is a lightweight life support until and the best solution for uninterruption oxygen delivery during critical care ground transport. Pre-installed on this unit is a LOX quantity gauge as well as a connection for a second LOX quantity gauge for use inside of the ambulance. This unit is designed to be mounted in land-based ambulance easy to install, the 25L Alox unit is the equivalent of these (3) large H-Cylinder

Liquid Oxygen and Distribution Systems

Last Chance Rescue Filter

Provides firefighters 15 minutes of purified air in an out-of air emergency

Triple filter technology protects against lethal gases

- Fire/smoke
- Carbon Monoxide
- Choloride
- Sulfide
- Sulfur Dioxide
- Aerolein

Snaps on to SCBA is seconds
Allows firefighter to keep mask and gloves intact

Fits all major SCBA masks

- **Scott**
- **Draeger**
- **MSA**
- **Honry well/Sperian**

RC: 809157

Medical Liquid Oxygen systems

ALOX

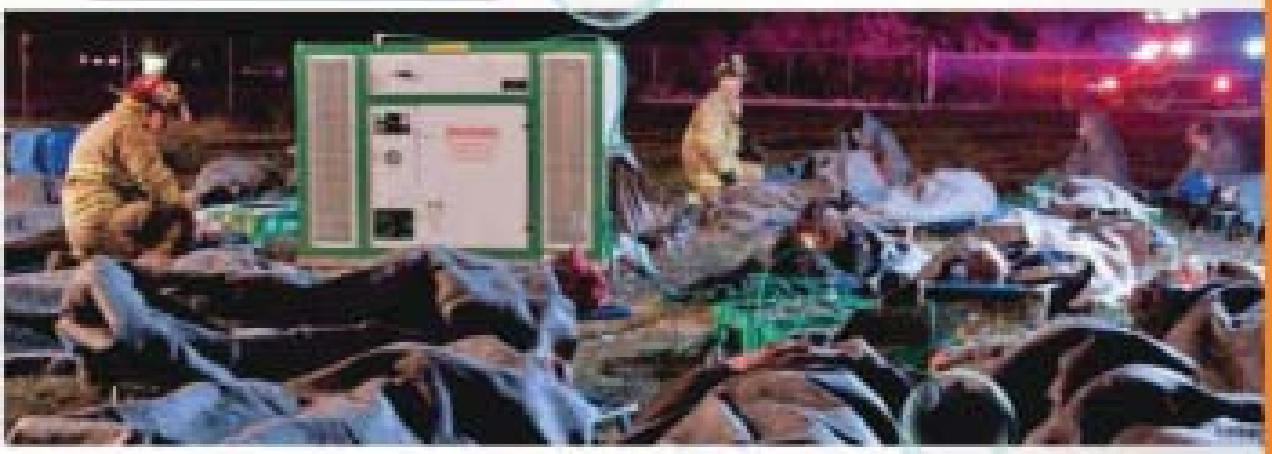
MODS

Mass Oxygem Distribution System (MODS)

MODS Specifications

A low pressure portable liquid oxygen and gaseous distribution system. This unit is capable of supply up to 64,000 gaseous liters of on-board oxygen at a maximum flow rate of 450 L/min. Up to fifteen patient Distribution Kits (PDK's) can be connected to the MODS providing oxygen for a maximum of 150 patients at a flow rate of 3 L/min. Two liquid oxygen Dewars (VGL's) to be attached.

Capacity	75L
Weight	300fbs l 550
Size	54° H 30° W. 60°L
Delivery rate	Up to 450L/min at 200 + 30 PDK's
Operating temperature	32 f to 125 L
Storage temperature	30 F to 125 f
Operating Humility	Up to 85%
Storage humility	Up to 100%



The Patient Distribution Kit (PDK)

PDK Specifications

Designed for use with the Mass Oxygen Distribution System (MODS) to deliver oxygen to patients. The PDK provides ton 20 hoses with flow control valves capable of supplying oxgyen at 50 ± psig. Components are stored inside a hard plastic case with wheels and a retractable handle.up to fifteen PDK's can be connected to theMODS providing oxygen for a maximum of 150 patients. The PDK comes equipped with DISS 1240 (Oxygen) connections for easy use with a variety of medical devices.

Flow Capacity	
Service	
Operating temperature	
Storage temperature	
Operating Humility	
Storage Humility	
Flow Control Valves	12 Setting No. 1,2,3,4,5,6,7,8,9,10,12

NIGERIANA
RC: 809157

Vibrascope® - BVA6

Description

- 1 control box IP66 (7-inch Colour screen)
- Anti disconnection plug and connectors IP68
- 1 Headset with built in microphone
- 1 telescopic boom
- 1 Video camera 360 degrees rotation

- Rechargeable battery and charger supply
- Integral rapid charger working in floating mode
- 1 battery charger adapter
- 1 cigar lighter plug and wire
- A carrying case in cordura with strap
- A shock proof carrying box

Specifications

- Weight: Under to 10 kg with carrying case
- Operating temperature: from 10 to + 60°C (from +14°F to 122°F)
- Storage temperature: from - 25 to 70° (from -13°F to 158°F)
- Charging time: 4 hours
- Autonomy: 5 hours
- Light weight and easy to carry
- Easy to use
- 360 degrees rotation camera
- Can see in complete blackness
- Wide screen
- Possibility to connect a 2nd headset
- Possibility to connect extra screen
- OPTION: Waterproof camera

Application

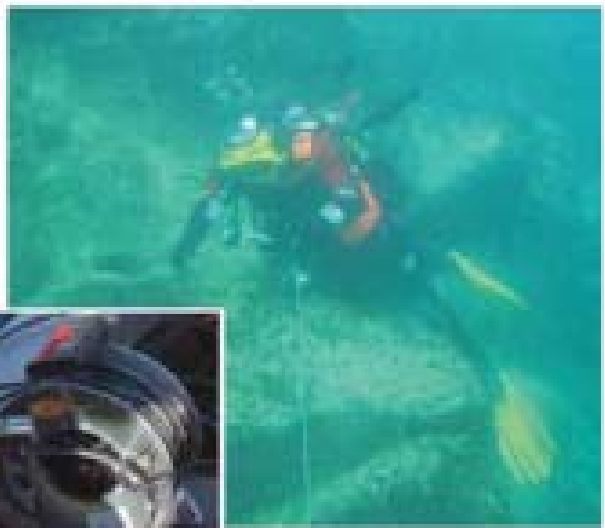
- Electronic equipment for visual search operations known by rescue teams all over the world
- Detect victims buried or trapped under rubble
- Communication and visualisation
- High visual and sound efficiency

WPC 60 for Vibrascope® BVA 6 WATERPROOF CAMERA

Technical data

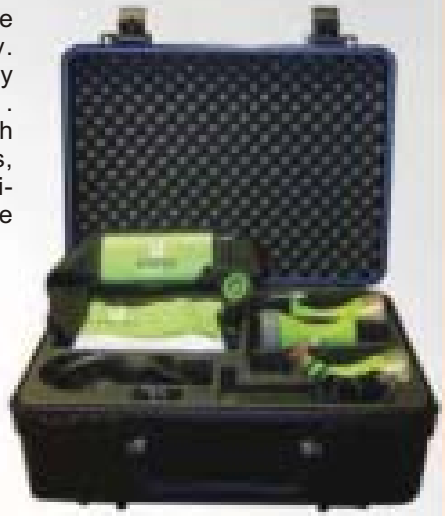
LED's white light high density
Waterproof at 60m IP 67
CCD color, 1/4"
Sensibility: 0.5 lux/1 : 1,2
Operational temperature: -20°C à + 50°C
Storage temperature: -30°C à + 70°C
Dimensions: Ø = 39mm L = 140 mm

With the waterproof camera WPC 60, it becomes possible to expand the searching area of the Vibrascope BVA-6 to shaft, flooded enclosed space, takes…



Vibraphone® - ASB8

The ASB8 Vibraphone®, known by rescue team all over the world, enables to detect a victim buried under rubble after a catastrophe and to locate him precisely. The slightest noise the victim makes can be detected by this device, whose sensitivity is exceptional. The Vibraphone® is fitted with an adjustable filter which deadens the effect of dull noises like pneumatic drills, trucks passing, etc. The national reference guide specifies that at least two electronic listening packs should be carried in vehicles or with “rescue / clearance' teams.



Specifications:

- Operating temperature :- 10°C to + 60°C
- Storage temperature :- 25°C to + 70°C
- Total weight : 2 kg (in use)
  7.9 kg (with carrying case)

Vibraphone® - ASB10

Revolutionary touch screen !

The ASB10 Vibraphone® is the newest addition to the range of victim location devices from Scorpe Technologies.

It benefited from decades of experience of the Vibraphone® ASB8 in the world of rescue, to reach a level of performances and technology never achieved in this domain.

Touch Screen: first device of this kind to be fitted with a Wide touch screen to display information and control the device. 6 independent sensors : it now allows you to detect buried victims using either the largest screen in the market, or more traditionally its high quality headset.

To improve the quality of the research, all 6 sensors can be turned off independently to get a more precise idea of which sensor is picking up signal, allowing you to progress faster in your research zone.

Specifications:

- Operating temperature :
  - 10°C to + 60°C
- Storage temperature :
  -25°C to + 70°C
- Total weight : 1.7 kg (in use)

3 adjustable filters:

In order to deaden the effects of dull noises like pneumatic drills, trucks passing, etcc., you can count on the 3 different filters available on the Vibraphone® ASB10, the high pass, the low pass, and the band pass filters, all of them adjustable using the touch screen.

Recording feature:

The Vibraphone® ASB10 now also includes a recording feature enabling you to record sound and bargraphs signals. They can be replayed ater for training purposes.

Integrated user manual :

The Vibraphone® ASB10 is the first listening device which integrates the user manual directly inside of the interface.

Microphone / Speaker :

Easy communication with the victim, using the headset.

Kevlar Lifting Bags

High Pressure

These lifting bags are the result of a long and solid experience in the manufacture of lifting bags. Totally safe in use,they offer many advantages:
All Scorpe Lifting Bags 8.0 bar are produced by hand in a layer structure and made of high quality raw material so that a seamless bag is created as the finished product.

- Inflation pressure up to 8 bars whatever the stroke.
- Nonslip surface providing maximum friction when stacking two lifting bags.

Description

- A full range from 1 ton to 68 tons
- They are made of layers coated with chemlcal resistant elastomeric, hot vulcanized in one operation in a mould.
- They are Kevlar reinforced for superior strength.
- Anti Slip Surface

Application

- Designed to lift heavy loads
- Can move all types of charges (rocks, trains, cars) using proper lifting techniques
- Can be used under water (LP)

Lifting Bags LPB

- A range of lifting bags from 1 to 5 tons
- The strength of the cushion remains constant over its course.
- Textile fabric support coated with synthetic rubber
- Whole range of accessories

Accessories

Single fitting controller

Control panel

Air inflation hoses

Pressure regulator

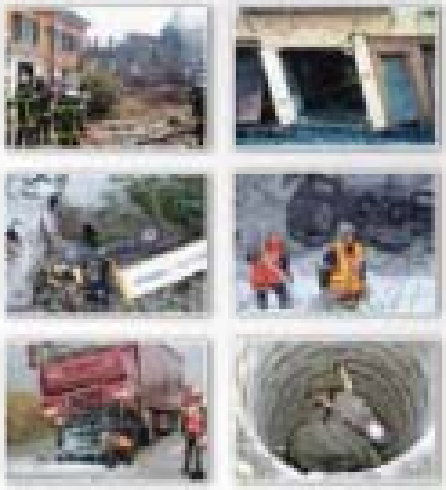
RC: 809157

Scorpe Struts

Quick stabilization system for heavy structures

Application

- Stabilize quickly some buildings in case of natural disasters, gas explosions,…
- Allows a quick intervention from the rescue teams once the buildings are secured – no risk for the victims and the firemen
- Stabilizes the vehicles quickly in case of traffic or rail accidents
- Allows quick intervention from the rescue teams once the vehicles are secured – no risk for the victims
- Contain the walls of a trench during an intervention (compatible with our flex'shore system)

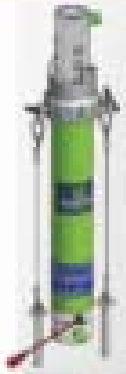


What was used until now…

Till now, rescue teams were using masons struts or wooden struts Disadvantages:

•Long implementation •Not easy to handle •Heavy

Description



•The SCORPE range consists of aluminum light weight struts.

•Designed to support and stabilize horizontally, vertically and sideways.

•They can be used in a manual or pneumatic way.

•The various heads and accessories are designed to join each type of surface.

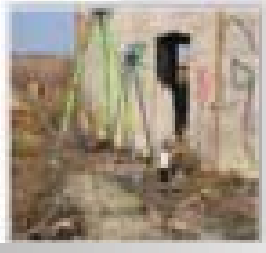
•The SCORPE struts will secure all rescue clearing operations.

•No specific care except a cleaning with water after use.

Specifications

With a robust and solid design, the SCORPE struts can be used in the most difficult conditions like sludge, dust, sand and water Two mechanical pins assure the security of the struts. This choice has been made to limit the mechanical parts to repair (difficult rescue operations)

Shoring of trenches:
Compatible with our Flex'Shore system
Oblique shoring leg every 2.5m
Support of a wall (one leg every 2.5m)
Tower: Support of a floor
Tripod: Lifting system for a heavy load



Safety Firefighting Rescue Diving

RC: 809157

FERNO

Arachnipod

total edge management system

How it works

The Arachnipod in its basic form is a tripod. It consists of three telescoping legs each pivoting connected to an anodized head.

The head is produced from aluminum extrusion with cutouts down each side, these cutouts allow two or more heads to connect together with a Oil-link pin, similar to a hinge, which allow quick and simple addition or removal of legs or bridge to create different configurations.

Each head has a D-shackle for guying to stabilize it. The optional pulley leg has an in built pulley, mounted on two stainless steel roller bearings.

The pulley is stainless steel and has two grooves – one to take up to 13mm rope and the other to take up to 8mm wire cable. Stainless steel detent pins prevent the rope or wire from coming out of the grooves.

Bridge System

This is a feature unique to the Arachnipod. The bridge is used for spanning larger openings or voids where a regular tripod, A-frame or quadpod would not be able to, such as trenches, large holes, mines and lift shafts.

It comes as a complete item with trolley, trolley guide rope and heads ready to attach two legs on each end. There is also a tie bar on one end for use with an English Reeve system. However, a remote brake mechanical advantage system can also be attached directly to the trolley.

Standard lengths are 2m (6 ft 7 in), 3m (9 ft 10 in) and 4m (13 ft 1 in). The bridge is available separately, if you have a standard tripod an additional leg should be purchased to accommodate the bridge system or if you purchase a TEMS Kit the additional leg comes standard.

the world's most

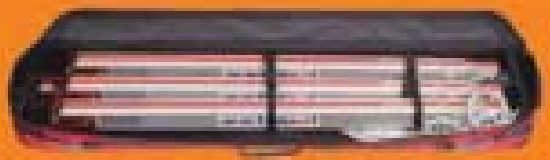
versatile

modular total edge management system

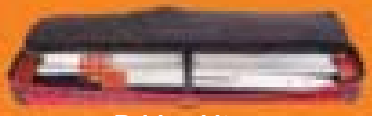
Arachnipod Kits

The modular design of the Arachnipod offers customers with limited budgets an economical option to purchase a basic unit and upgrade components at a later date to make a more advanced system. Minimal space is needed to store an Arachnipod as it flat packs for simple and convenient storage. There are five kits available for purchase ranging from the basic tripod through to a total edge management system (TEMS). The table below will help you decide which kit is best for you.

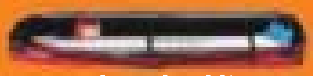
Accessory kit



Flat packs for simple storage



Bridge kit



Lazy leg kit

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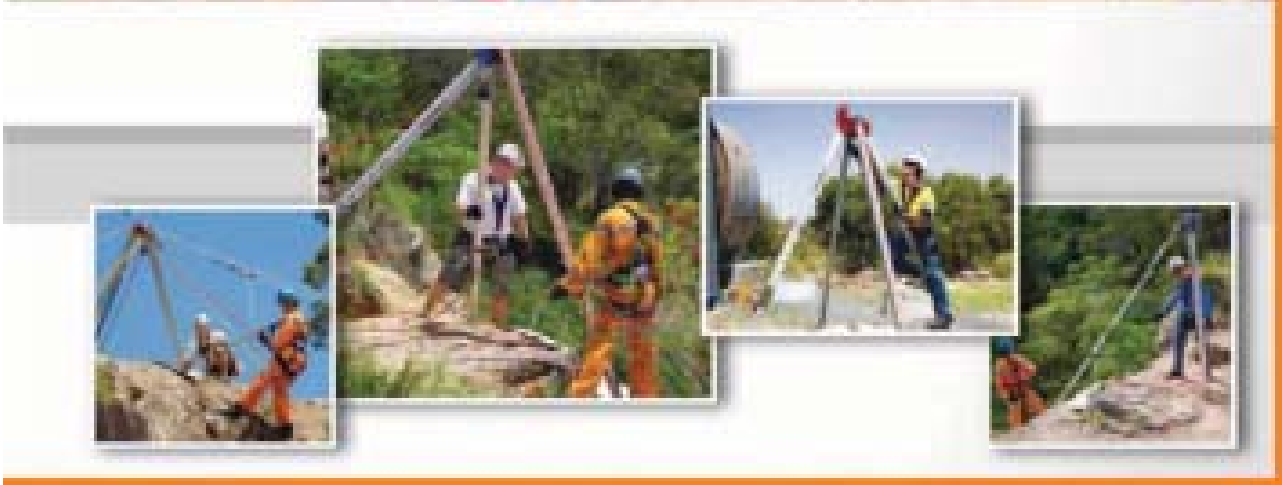


The Arachnipod is an innovative design that captures multi-functional capabilities. Simplicity and robust engineering provide the world's most versatile modular total edge management system (TEMS).

Ferno are dedicated to design and innovation and as such recognized the need for one height safety edge management device that could easily adjust into multiple configurations, providing users with a safe, cost effective total edge management system.

The new innovative Arachnipod is based around the concept of an industrial tripod, however this product is much more than just a tripod.

Components can be added or removed as required so that the Arachnipod complements existing structural or natural features.

The unique design of the patent-pending modular head means the Arachnipod can be constructed into many different configurations including a gin pole/ monopole, bipod, tripod, quadpod, bridge system and handrail recovery monopole. Further to this for heavy loads an infinite number of additional legs can be fitted to increase the safe working load (SWL
Its versatility makes it an ideal system for workers in industries such as:

·Rescue and emergency services
·Military
·Utility services such as water power and telecommunications
·Mining
·Film industry

•Maintenance Personnel
The Arachnipod has been drop test rated for a 280 kg rescue load. It has a tested head that has the capability of holding a high directional load as well as belay as tested with a 280 kg rescue load is the Traverse 540 "Belay Device.

Ferno advocates that all lowering and hauling systems should be backed up by a belay or secondary system.

RC: 809157

Height Safety

Ferno Centrepoint 2 Ascender Full body Harness

integrated Chest Ascender

Quick Connect Buckles

Ferno Arbor Sport

Ferno Tower 3 Full Body Harness

Ferno Tradesman Full Body Harness

Fall Arrest Blocks

VISC-U8170A

VISC-U817J

Pole Top Rescue Kit

Ferno Toner Rescue Kit

RC: 809157

Ferno FDU

FDU200

FDU100

Dimensions taken with handle in stored position

EPV Exodus Kit

Ferno Rescue Personal Lanyard (PAL)

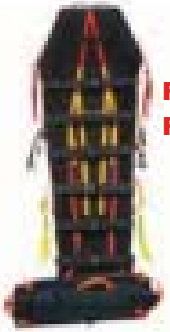
Ferno Slings

Ferno Rope Bags

Ferno Heavy Duty Rope Bag

Ferno Standard Rope Bag

Ferno Vertical Rescue Stretcher



Ferno Emergency Pole Stretcher

Traverse 540 Rescue Belay

Ferno Rope and Harness Wash

Rope Measure

Ferno Recovery System

Res-Q-Link Recovery Pole

RC: 809157

LifeGUARD

Beach and Trail

Advantages

- Off-Road Beach & Trail Rescue Vehicle
- Polaris Ranger 6x6 Chassis 800 EFI, 40 HP,up to 40 MPH
- On Demand All wheel Drive Independent Suspension
- Power Steering Polaris Factory Installed
- Roll Bar & Tread Plate Roof
- Bed with Canvas BiMinors & ABS Skirting
- Aluminium mini Top
- 66" Bench Seat with Seat Back Pad
- System to Carry a Full size Cot or Strokes Basket Customer Choice
- Sand Tires or Off-Road Tires
- Deep Cycle Battery System Available
- Generator Available
- Run Flat Tires Available

Applications

- Emergency Support Water Rescue, Remote Rescue
- Event Support Concerts, Stadius, Racetracks, Sporting Events, College Campuses
- Recreational Support Beaches, Parks, Resorts, Golf Courses, Bike Trails
- Military Support Testing & Training Ranges, Military Installations

MEDSTAT

Advantages

- Off- Road Rescue/EMS Vehicle
- Tested by the Transportation Research Center
- Polaris Ranger 6x6 Chassis. 800 EFI, 40 HP, up to 40 MPH
- Power Steering- Polaris Factory Installed
- On Demand All Wheel Drive. Independent Suspension
- Low Center of Gravity. Tilt Table Test over 24°
- Fully Enclosed Compartment for Patient Protection
- Carries Full size cot or Strokes Basket
- Attendant Bench Seat with Storage
- Seating for Driver and Two Attendants
- Background Mounting System to Carry Second Patient Available
- Deep Cycle Battery System Available
- A/C Heater and Generator Available
- Run Flat Tires Available

Applications

- Emergency support Remote Rescue, Shoreline Rescue, Urban Search, Inner City Rescue
- Event Support Concerts, Stadiums, Racetracks, Sporting Events, College campuses
- Recreational support Beaches, parks, Resorts, Golf Courses, Bike Trails
- Industrial Support Factories, Airports, ship Yards, Construction Sites
- Military support Testing & Training Ranges, Civil Support Training, Military Policy, CBRN, Casualty Evacuation

Extreme Conditions... Extreme Machines

WILD FIRE

Advantages

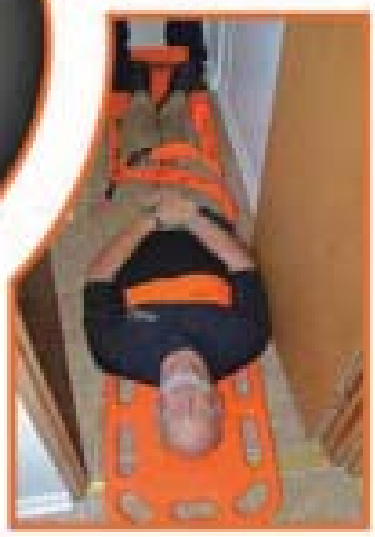
- Off-Road Fire Fighting/Rescue Vehicle
- Tested by the Transportation Research Center
- Polaris Ranger 6x6 Chassis 800 EFI, 40 HP, up to 40 MPH
- Power steering Polaris Factory installed
- On Demand All wheel Drive Independent Suspension
- Low Profile Poly Tank mounted Directly to Frame
- Low Center of Gravity Till Table Test over 30°
- 160 Gallon Water, 16 gallons Foam
- Suction Hose Storage Integrated in Tank
- Electric Start, Hand Primer
- 87" L Tool Box with Stokes Basket Mount System
- Deep Cycle Battery System Available
- A/C Heater and Generator Available
- Run Flat Tires Available

Applications

- Emergency Support Brushes/Grass/Car Fires, Wildfires, Remote Rescue, Parking Garage Fires
- Event support Concerts, Stadiums, Racetracks, Sporting Events, College Campuses
- Recreational Support Beaches, Parks, Resorts, Golf Courses, Bike Trails
- Industrial support Industrial/Construction Fires and Rescue, Factories, Airports, Ship Yards, Construction Sites
- Military Support Testing & Training Ranges, Civil Support Training, Military Police, CBRN, Casualty Evacuation, Military Installations

RC: 809157

Two 3” diameter wheels at the foot end that provide smooth rollability.A rugged built-in footrest that is perpendicular to the board when opened and flush with the board when folded.



Attributes:

- X-ray translucent
- Lightweight
- Rigid
- Floatable
- Impervious to body fluids
- Easily decontaminated

Construction:

- Foam filled for rigidity
- Rotationally molded (seamless)

Dimensions:

- Overall length 78”
- Length from top of footrest to head of board 73”
- Width 18”
- Thickness 2”
- Thickness at wheels 3½”

RC: 809157

The no.1 emergency hammer
Breaks car glass
cuts through seatbelts

LIFE HAMMER™ is the ultimate no.1 emergency hammer. No other hammer can be compared with the original LIFE Hammer™ with its double sided head has hardened points to shatter windows easily and quickly. The built-in, razor sharp Solingen blade cuts through a seatbelt in a single stroke. The LIFE HAMMER™ is simple to mount while the fluorescent button ensures that it can be seen, even in the dark. When it comes to life safety use only the best, use LIFE HAMMER™ THE ORIGINAL.

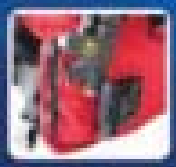
FiXXeo™ Fire BLANKET

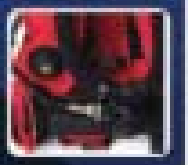
Totally new concept of Fire Blanket
Fast
Safe
Everywhere
By using this New Fire Blanket you will be able to kill the fire earlier than with a normal fire blanket With just two hands you open the FiXXeo™ Fire Blanket Because of easy and fast opening you can be faster at the fireplace You are more safe behind this blanket because of the build in handles Size of blanket is 1.10 x 1.30 meter BS EN 1869 approvedLooks very nice in your kitchenSize of product 28x23, 5x6cm

CARBON X

"In 20 years time, people will look back at this moment as the day when Poseidoon changed the recreational diving industry forever."

Rebreather BCD





Rebreathe Wing

FlexiHood

Boots

Ballistic Gear Bags

Day Pack Bag

ProGlove

FlexiGlove

One Wing & One Harness

Regulators

Guages

RC: 809157

SAY GOODBYE TO BUBBLES

Rebreathers

Discovery MK VI

The Poseidon Discovery is the world's first rebreather for recreational divers. It's a fully-closed, fully-automated unit that will make you see diving in a different light. The system comprises a breathing loop (mouthpiece, hoses, counter lungs and backpack) with associated electronics module, and two independent gas cylinders. One contains 100% compressed oxygen which is added to the breathing loop as the diver consumes it. The second cylinder typically contains compressed air “diluents” to compensate for compression in the breathing loop as the diver goes deeper.

Technical features:
Compared to Open Circuit, rebreathers have 3 big advantages:

- **Triple actual dive time**
- **Far less disturbing to marine life**
- **Warm breathing gas**

Poseidon's recreational unit has 3 big additional advantages:

- **Fully automatic and easy to use**
- **Lighter and smaller**
- **Unique, patented safety system**

Trident Fin **Diving Fin** (full foot) **Sports Fin**

Phantom

Atmosphere

Three Dee

Technica

Unisuit Exclusive

One Suit Sport

One Suit Membrane

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BEUCHAT

BEUCHAT

Comfort dry

Semi-dry Premium

Focea comfort 3

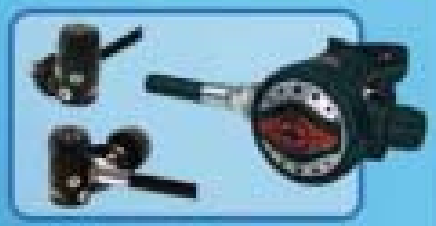
Batik dry

Gloves

BOOTS

BCD

Regulator



Regulator

Octopus

3,5m | 2,8 ^{3} | Compact | 2,3 ^{3} | 1,4m ^{3} | 0,5m ^{3}

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console

Light

Flash Light LED

Mask

Fin

Snorkle

Bag

Knife

Belt

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PHOTO GALLERY

Mr. Scott Williams of ESSEX INDUSTRIES - USA, Mr. Atere Amsterdamm of NIGERIANA and a top admin staff member of MARINATEC during MARINATEC's products exhibition at the World Trade Centre in Dubai

Safety Firefighting Rescue Diving

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Mr Atere Amsterdamm (Managing Director) of NIGERIANA and Dr Babaei Hassan (Business Development Director) of MARINATEC after signing an MOU in the UAE.

MD of NIGERIANA and Scott Williams, Sales & Business Development Director of ESSEX INDUSTRIES - USA, a technical partner of MARINATEC at MARINATEC facility

Safety
Firefighting
Rescue
Diving

The MD of NIGERIANA and two staff members of MARINATEC at MARINATEC's facility in the UAE.

NIGERIANA's MD in another photo at MARINATEC's facility in the UAE

Safety
Firefighting
Rescue
Diving

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NIGERIANA's MD and a Senior Engineer of MARINATEC after the former's visit to MARINATEC's ALL PURPOSE fire fighting vehicles' site.

Safety
Firefighting
Rescue
Diving

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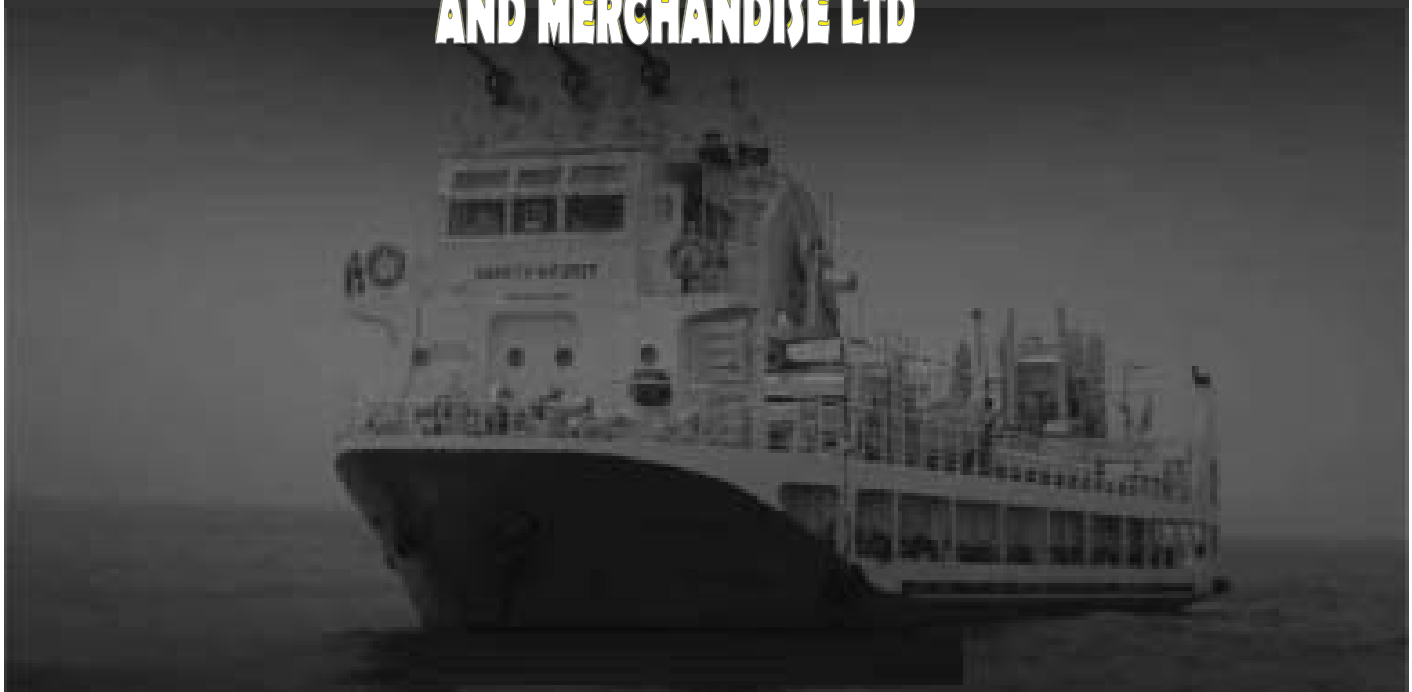
NIGERIANA INTERNATIONAL CONTRACTORS AND MERCHANDISE LTD



Suite 010, Niger 4 Cluster
B.B.A (Int'l Centre for Commerce)
Trade Fair Complex, off Badagry
Expressway, Lagos.
P.O.Box 69, Festac Town, Lagos.
Tel: 018930668, 08183545158, 08023815710,
08123420693, 08099535004
info@nigerianang.com, ncmltdng@rediffmail.com
www.nigerianananang.com

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